STIC Search Results
Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader
272-3490, RND 4B28

Voluntary Results Feedback Form

➢ *I am an examiner in Workgroup:* [   ]   *Example: 2133*

➢ *Relevant prior art **found**, search results used as follows:*

☐ 102 rejection

☐ 103 rejection

☐ Cited as being of interest.

☐ Helped examiner better understand the invention.

☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

☐ Foreign Patent(s)

☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➢ *Relevant prior art **not found:***

☐ Results verified the lack of relevant prior art (helped determine patentability).

☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 RND, 4B28

sira
Search and Information
Resources Administration

TO: Merilyn Nguyen
Location: RND 3C19
Art Unit: 2163
Monday, November 14, 2005

Case Serial Number: 10/007696

From: Ruth E. Spink
Location: EIC 2100
RND-4B31
Phone: 23524
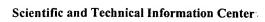
Ruth.spink@uspto.gov

Search Notes

Merilyn – Attached are the inventor, foreign patent and NPL search for the above referenced case. I tagged a few that I thought might be of particular interest. Be sure to let me know if you would like for me to refocus the search.

Ruth

Access DB# 170256

⑦

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: MERILYN NGUYEN   Examiner #: 79385   Date: 10/1/05

Art Unit: 2163   Phone Number 30 571-272-4026 Serial Number: 10/007,696

Mail Box and Bldg/Room Location: Ran 3C19   Results Format Preferred (circle): PAPER, DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Distributed Image Storage Architecture

Inventors (please provide full names): Gary Tessman, Jr.

Earliest Priority Filing Date: 12/08/00

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

1) Identifying a storage path to store digital images —
~~within~~

2) generating image identifier associated with storage facility and 2nd identifier comprising a random #.

3) generating a hash value based on (2) above.

4) storage path is identified based on (2) & (3) wherein related images have unrelated storage paths.

relevant citations: US 6,389,460
US 6,661,904
US 6,017,157

RECEIVED
NOV 01 2005
BY:...................

****

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: _____	NA Sequence (#)_____	STN _____
Searcher Phone #: _____	AA Sequence (#)_____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify)_____

PTO-1590 (8-01)

```
Set      Items    Description
S1          1     AU=(TESSMAN, G? OR TESSMAN G?)
S2         16     AU=(LIPPERT, P? OR LIPPERT P?)
S3         16     S1 OR S2
S4          4     S3 AND IC=(G06F OR H04N)
S5          4     IDPAT (sorted in duplicate/non-duplicate order)
S6          3     IDPAT (primary/non-duplicate records only)
S7         16     IDPAT S3 (sorted in duplicate/non-duplicate order)
S8         11     IDPAT S3 (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
         (c) 2005 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Oct W04
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051103,UT=20051027
         (c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200571
         (c) 2005  Thomson Derwent
```

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015050065   **Image available**
WPI Acc No: 2003-110581/200310
XRPX Acc No: N03-087915
   **Digital images storing method in computer system, involves identifying
   storage path using primary and secondary image identifiers and unique
   hash value, such that related digital images have unrelated storage paths**
Patent Assignee: LIPPERT P D (LIPP-I); TESSMAN G (TESS-I)
Inventor: **LIPPERT P D ;   TESSMAN G**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020135801	A1	20020926	US 2000251834	P	20001208	200310	B
			US 20017696	A	20011210		

Priority Applications (No Type Date): US 2000251834 P 20001208; US 20017696
   A 20011210
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020135801	A1		19	G06F-013/00	Provisional application US 2000251834

Abstract (Basic): US 20020135801 A1
      NOVELTY - A primary image identifier associated with a primary
   storage facility and a directory, is generated. A secondary image
   identifier comprising a random number, is produced. A unique hash value
   is generated by encrypting the primary and secondary identifiers. A
   storage path is identified using the image identifiers and unique hash
   value, such that related digital images have unrelated storage paths.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
      (1) Digital image storage apparatus;
      (2) Digital images storing program; and
      (3) Digital images monitoring method.
      USE - For storing digital images within computer system.
      ADVANTAGE - Prevents illegal usage of digital images by identifying
   storage path based on image identifiers and unique hash value.
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   explaining the digital images storing process.
      pp; 19 DwgNo 5/6
Title Terms: DIGITAL; IMAGE; STORAGE; METHOD; COMPUTER; SYSTEM; IDENTIFY;
   STORAGE; PATH; PRIMARY; SECONDARY; IMAGE; IDENTIFY; UNIQUE; HASH; VALUE;
   RELATED; DIGITAL; IMAGE; UNRELATED; STORAGE; PATH
Derwent Class: T01
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): G06F-015/00; H04N-001/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

013067174   **Image available**
WPI Acc No: 2000-239046/200021
XRPX Acc No: N00-179471
   Playback of live and pre recorded multimedia system e.g. for Internet,
   has computer system having several terminal information handlers managing
   general information flow to and from several users
Patent Assignee: AMERICA ONLINE INC (AMON-N)
Inventor: ENETE N; **LIPPERT P** ; LIPPKE D; PAI A; WATSON R
Number of Countries: 028 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 984584	A1	20000308	EP 99306950	A	19990901	200021	B
AU 9947371	A	20000323	AU 9947371	A	19990903	200025	
JP 2000151595	A	20000530	JP 99251938	A	19990906	200033	
CA 2281440	A1	20000304	CA 2281440	A	19990902	200033	

Priority Applications (No Type Date): US 99272673 A 19990318; US 98148244 A
   19980904
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 984584	A1	E	20	H04L-012/18	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9947371	A			H04N-007/173	
JP 2000151595	A		14	H04L-012/18	
CA 2281440	A1	E·		H04L-012/16	

Abstract (Basic): EP 984584 A1
      NOVELTY - The system has a computer system having several terminal
   information handlers managing general information flow to and from
   several users. An output process assembling multiple multimedia data
   streams distribution. A broadcast process, in communication with the
   output process, distributes the assembled multiple multimedia data
   streams to each terminal information handlers.
      DETAILED DESCRIPTION - A selector process, in communication with
   the terminal information handlers, receives a channel request from a
   user through an terminal information handler associated with the user,
   mapping the channel request to a corresponding one of the multiple
   multimedia data streams, and enables transmission of the corresponding
   one multimedia data stream to the user through the associated terminal
   information handler. An INDEPENDENT CLAIM is included for a method of
   live and prerecorded multimedia data in real time over large scale
   communication network
      USE - For Internet.
      ADVANTAGE - Provides playback of live and pre recorded multimedia
   data in real time over large scale communication network, for large
   number of users typically in hundreds of thousand of users.
      DESCRIPTION OF DRAWING(S) - The figure shows a block diagram
   showing the client host architecture for a capture session.
      pp; 20 DwgNo 5a/18
Title Terms: PLAYBACK; LIVE; PRE; RECORD; SYSTEM; COMPUTER; SYSTEM;
   TERMINAL; INFORMATION; HANDLE; MANAGE; GENERAL; INFORMATION; FLOW; USER
Derwent Class: T01; W01; W02
International Patent Class (Main): H04L-012/16; H04L-012/18; H04N-007/173
International Patent Class (Additional): G06F-015/163; H04H-001/08;
   H04L-029/06; H04L-029/12; H04N-005/38
File Segment: EPI

004007734
WPI Acc No: 1984-153276/198425
XRPX Acc No: N84-113801
  **Light pen connection for computer graphic display system - has dot and
  line counters connected to microprocessor feeding main computer**
Patent Assignee: BBC BROWN BOVERI & CIE AG (BROV   )
Inventor: **LIPPERT P**
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3245785	A	19840614	DE 3245785	A	19821210	198425	B
DE 3245785	C	19850509	DE 3245785	A	19851210	198520	

Priority Applications (No Type Date): DE 3245785 A 19821210; DE 3245785 A
  19851210
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3245785	A		8		

Abstract (Basic): DE 3245785 A
      The light pen (4) is switched through a D register and an AND
  element (5) to a dot counter (6) the AND element having its second
  inlet connected to a timing generator (7). One outlet of the dot
  counter leads to a line counter (8) and a second to the microprocessor
  (9), to which the line counter is also connected. Both counters are
  synchronised by a synchronous separator (10) which is connected to the
  synchronisation outlet of the display system. The microprocessor is
  activated by a sensing switch (12) in the light pen. The microprocessor
  is able to contact the main computer (3) through an interface (11) and
  to exchange data information serially.
      When the light pen receives an impulse through being brought into
  proximity with the screen, the AND element is blocked through the D
  register, so that the two counters cease counting. The counter readings
  corresp. to the position of the light pen relative to the screen and
  this information is transferred to the microprocessor when the sensing
  switch is pressed.
Title Terms: LIGHT; PEN; CONNECT; COMPUTER; GRAPHIC; DISPLAY; SYSTEM; DOT;
  LINE; COUNTER; CONNECT; MICROPROCESSOR; FEED; MAIN; COMPUTER
Derwent Class: T01; T04
International Patent Class (Additional): G06F-003/03; G06K-011/06
File Segment: EPI

```
Set      Items    Description
S1          0     AU=(TESSMAN, G? OR TESSMAN G?)
S2         30     AU=(LIPPERT, P? OR LIPPERT P?)
S3         27     S2 NOT PY>2000
S4         26     RD (unique items)
File    2:INSPEC 1898-2005/Oct W5
          (c) 2005 Institution of Electrical Engineers
File    6:NTIS 1964-2005/Oct W5
          (c) 2005 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1970-2005/Oct W5
          (c) 2005 Elsevier Eng.  Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W5
          (c) 2005 Inst for Sci Info
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File   35:Dissertation Abs Online 1861-2005/Oct
          (c) 2005 ProQuest Info&Learning
File   65:Inside Conferences 1993-2005/Nov W1
          (c) 2005 BLDSC all rts. reserv.
File   94:JICST-EPlus 1985-2005/Sep W1
          (c)2005 Japan Science and Tech Corp(JST)
File   99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
          (c) 2005 The HW Wilson Co.
File  144:Pascal 1973-2005/Oct W5
          (c) 2005 INIST/CNRS
File  636:Gale Group Newsletter DB(TM) 1987-2005/Nov 09
          (c) 2005 The Gale Group
```

```
Set     Items    Description
S1     1857209    IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRA-
                  PHIC? ?
S2     1085930    PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR
                  FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR S-
                  UBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFOR-
                  M()RESOURCE
S3       34151    IDENTIFIER? ?
S4       12867    (RANDOM OR PSEUDORANDOM)()NUMBER? ?
S5       12417    HASH OR DIGEST
S6           1    S1 AND S2 AND S3 AND S4 AND S5
S7           3    S1 AND S2 AND S3 AND S4
S8         597    S1 AND S2 AND S3
S9       29824    S1 (5N) S2
S10        169    S9 AND S3
S11        127    S10 AND IC=(G06F OR H04N)
S12      34363    (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? -
                  OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING
                  OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCO-
                  VER?? OR DISCOVERING)(3N)(S9 OR S2)
S13        973    (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? -
                  OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING
                  OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCO-
                  VER?? OR DISCOVERING)(3N)S9
S14         15    S13 AND S3
S15         15    IDPAT (sorted in duplicate/non-duplicate order)
S16         15    IDPAT (primary/non-duplicate records only)
S17          2    S9 AND S3 AND S4
S18          0    S17 NOT (S6 OR S7 OR S16)
S19      12644    (FIND? ? OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR S-
                  EARCH OR SEARCHING)(3N)S1
S20          0    S19 AND S3 AND S4
S21         73    S19 AND (S3 OR S4)
S22          0    S21 AND S5
S23         53    S21 AND IC=(G06F OR H04N)
S24         53    IDPAT (sorted in duplicate/non-duplicate order)
S25         53    IDPAT (primary/non-duplicate records only)
S26         52    S25 NOT (S6 OR S7 OR S16)
S27         11    S19 (5N) (S3 OR S4)
S28         11    IDPAT (sorted in duplicate/non-duplicate order)
S29         11    IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200572
         (c) 2005  Thomson Derwent
```

DIALOG(R)File 350:Derwent WPIX

016989461   **Image available**
WPI Acc No: 2005-313775/200532
XRPX Acc No: N05-256462
   **Image distributing method for use in data processing system, involves
   inserting image group** identifier **in dynamic server page having
   associated images, and inserting dynamic server page client data names
   for images**
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: DINH H T; LAKHDHIR M A; PHAM P A
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20050080871	A1	20050414	US 2003682394	A	20031009	200532	B
CN 1606300	A	20050413	CN 200456277	A	20040806	200554	

Priority Applications (No Type Date): US 2003682394 A 20031009
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050080871	A1		22	G06F-015/16	
CN 1606300	A			H04L-029/00	

Abstract (Basic): US 20050080871 A1
     NOVELTY - The method involves receiving a request for a dynamic
server page having a multiplicity of associated images, where each
image includes a storage **location** **identified** in the dynamic server
page by an image resource locator. An image group **identifier** is
inserted in the dynamic server page for the images. Dynamic server page
client data names are inserted for the images.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
     (A) a system for distributing images in a data processing system
     (B) a computer program product for distributing images in a data
processing system.
     USE - Used for distributing images for dynamic server pages in a
data processing system including personal computer, mainframe, personal
digital assistant (PDA), mobile telephone, laptop computer, wire and
wireless communication devices, where the system is used over Internet,
Intranet, local area network (LAN) and wide area network (WAN).
     ADVANTAGE - The method allows images to be replaced with new
images, so that all images in a predefined group can be downloaded to
browsers or clients at same time, thereby greatly reducing data
communications connection burden of communicating images for display
through dynamic server pages.
     DESCRIPTION OF DRAWING(S) - The drawing shows a data flow diagram
illustrating a method for distributing images in a data processing
system.
     Browser (108)
     User interface (118)
     Document (306)
     Images (312)
     Server (314)
     pp; 22 DwgNo 3/8
Title Terms: IMAGE; DISTRIBUTE; METHOD; DATA; PROCESS; SYSTEM; INSERT;
   IMAGE; GROUP; IDENTIFY; DYNAMIC; SERVE; PAGE; ASSOCIATE; IMAGE; INSERT;
   DYNAMIC; SERVE; PAGE; CLIENT; DATA; NAME; IMAGE
Derwent Class: T01
International Patent Class (Main): G06F-015/16; H04L-029/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

016261270   **Image available**
WPI Acc No: 2004-419164/200439
XRPX Acc No: N04-332734
  **Digital image handling method for use in retail environment, involves
  determining location of item** identifier **by extracting item** identifier
  from image and selectively processing identifier
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: DORAI C; JAIN G; STERN E H
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040099741	A1	20040527	US 2002307099	A	20021126	200439	B
JP 2004178560	A	20040624	JP 2003355713	A	20031015	200441	

Priority Applications (No Type Date): US 2002307099 A 20021126
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040099741	A1		17	G06K-005/04	
JP 2004178560	A		21	G06K-007/10	

Abstract (Basic): US 20040099741 A1
     NOVELTY - The method involves capturing an image having an item
  identifier such as bar code information and locating the item
  identifier . The **identifier** is located by automatically determining
  the location of the item **identifier** and extracting the item
  identifier from the image. The item **identifier** is selectively
  processed and is transmitted to a remote location.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
     (a) a system for handling digital images
     (b) a program storage device readable by machine having a program
  of instructions for causing the machine to execute a method for
  handling an image at a digital image capture device.
     USE - Used in a retail environment for handling an image at a
  digital image capture device (claimed) e.g. scanner and camera attached
  to a cellular phone or digital communication device e.g. personal
  digital assistant.
     ADVANTAGE - The **determination** of actual **image   location**
  reduces the size of the actual image required to be transmitted across
  the network, thereby reducing the time required to transfer the
  extracted image information, or a compressed version of the extracted
  image information along a network. The method allows the user to
  designate the image area of interest within an image as the item
  identifier for further viewing or processing.
     DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of
  process steps for segmenting multiple barcode **identifiers** in an
  image.
     pp; 17 DwgNo 4/11
Title Terms: DIGITAL; IMAGE; HANDLE; METHOD; RETAIL; ENVIRONMENT; DETERMINE
 ; LOCATE; ITEM; IDENTIFY; EXTRACT; ITEM; IDENTIFY; IMAGE; SELECT; PROCESS
 ; IDENTIFY
Derwent Class: T01; T04
International Patent Class (Main): G06K-005/04; G06K-007/10
International Patent Class (Additional): G06K-009/32
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014705696   **Image available**
WPI Acc No: 2002-526400/200256
XRPX Acc No: N02-416570
   Path   determining **system for computer** graphic **system, generates
secondary graphical diagram based on path through particular portion of
primary diagram so that displayed diagram indicates path segments
traversed by path**
Patent Assignee: COREL INC (CORE-N)
Inventor: MERKLE B E; SIMMONS C R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6396488	B1	20020528	US 99226176	A	19990104	200256	B

Priority Applications (No Type Date): US 99226176 A 19990104
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6396488	B1		13	G06F-003/14	

Abstract (Basic): US 6396488 B1
     NOVELTY - A processor executes an application to determine a path
through a portion of graphical diagram and to record path information
comprising an **identifier** for each shape traversed by the path. The
processor generates and displays secondary diagram having several
shapes, based on path information such that the display indicates the
selected path segments traversed by the path between the shapes.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
following:
     (1) Path determination method; and
     (2) Path determining program.
     USE - For determining path in graphical diagram produced using
computer graphic system.
     ADVANTAGE - The system aids the user to make path-based decisions
and clarifies the process of navigating a large or complex graphical
diagram. The system allows the user to focus a particular portion of
large or complex diagram as new diagram is simplified and easier to
understand.
     DESCRIPTION OF DRAWING(S) - The figure shows the graphical user
interface in path determining system.
     pp; 13 DwgNo 2B/5
Title Terms: PATH; DETERMINE; SYSTEM; COMPUTER; GRAPHIC; SYSTEM; GENERATE;
   SECONDARY; GRAPHICAL; DIAGRAM; BASED; PATH; THROUGH; PORTION; PRIMARY;
   DIAGRAM; SO; DISPLAY; DIAGRAM; INDICATE; PATH; SEGMENT; TRAVERSE; PATH
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014213217   **Image available**
WPI Acc No: 2002-033914/200204
Related WPI Acc No: 2001-535018; 2002-146908; 2002-238334; 2002-402437;
  2003-267319; 2004-355049
XRPX Acc No: N02-026118
  Road sign location   determination **method involves storing** image
  frame portions of common road sign depicted in one of the image frames
Patent Assignee: FACET TECHNOLOGY CORP (FACE-N)
Inventor: LAUMEYER R A; RETTERATH J E
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010043718	A1	20011122	US 98177836	A	19981023	200204	B
			US 2001812753	A	20010320		
US 6453056	B2	20020917	US 98177836	A	19981023	200269	
			US 2001812753	A	20010320		

Priority Applications (No Type Date): US 98177836 A 19981023; US 2001812753
  A 20010320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010043718	A1		21	G06K-009/00	Cont of application US 98177836
					Cont of patent US 6266442
US 6453056	B2			G06K-009/00	Cont of application US 98177836
					Cont of patent US 6266442

Abstract (Basic): US 20010043718 A1
        NOVELTY - Image frames that depict a common road sign and which
  correspond to an **identifier** tag, are received. The image frames are
  processed by a fuzzy logic color filter. The image frame portions of
  the common road sign depicted in one of the image frames which is
  linked to at least one of the camera number, image frame number or a
  camera orientation direction used for recording, are stored in a
  memory.
        USE - For recognizing and organizing data relating to signs
  adjacent to rail road, nature trailways, recreational vehicle paths,
  commercial signage, utility poles, pipelines, billboards, manholes and
  other objects.
        ADVANTAGE - Enables precisely recognizing and accurately locating
  different objects.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
  the road sign location determination apparatus.
        pp; 21 DwgNo 1/7
Title Terms: ROAD; SIGN; LOCATE; DETERMINE; METHOD; STORAGE; IMAGE; FRAME;
  PORTION; COMMON; ROAD; SIGN; DEPICTED; ONE; IMAGE; FRAME
Derwent Class: T01; T04; T07; W06
International Patent Class (Main): G06K-009/00
File Segment: EPI

014094122
WPI Acc No: 2001-578336/200165
Related WPI Acc No: 1998-450516; 2000-208281; 2000-414848; 2002-224597
XRPX Acc No: N01-430252
   Apparatus for decoding an image **including a portion of 2D** address
   codes determines **the orientation of the portion and translates the
   address codes into a discrete pointer identifying the portion**
Patent Assignee: XEROX PARC (XERO)
Inventor: CHANG K H P; FLORES L N; HECHT D L; JARED D A; STEARNS R G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6208771	B1	20010327	US 96772158	A	19961220	200165	B
			US 98144518	A	19980831		

Priority Applications (No Type Date): US 98144518 A 19980831; US 96772158 A
   19961220
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6208771	B1		44	G06K-009/54	CIP of application US 96772158

Abstract (Basic): US 6208771 B1
   NOVELTY - A captured image is processed to determine the
orientation of a portion of 2D **address** codes by analyzing the **image**
to **determine** values at discrete **locations** within the portion. The
values at each location form a matrix and are correlated to determine
an orientation of the portion of address codes. The values can be
further analyzed to determine a discrete pointer that identifies the
location of the portion within the address space defined by the address
codes. A self-clocking glyph code is preferred.
   DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
method of decoding an image.
   USE - Decoding **identifiers** attached to 3D objects, e.g. using a
look up table registering objects or files against spatial addresses.
   ADVANTAGE - Computationally efficient.
   pp; 44 DwgNo 0/31
Title Terms: APPARATUS; DECODE; IMAGE; PORTION; ADDRESS; CODE; DETERMINE;
   ORIENT; PORTION; TRANSLATION; ADDRESS; CODE; DISCRETE; POINT; IDENTIFY;
   PORTION
Derwent Class: T01; T04
International Patent Class (Main): G06K-009/54
International Patent Class (Additional): G06K-009/36; G06K-009/80;
   G06K-019/06
File Segment: EPI

012470769   **Image available**
WPI Acc No: 1999-276877/199923
Related WPI Acc No: 1998-260883
XRPX Acc No: N99-207592
   **Digital image processing method in graphic database - involves storing
   text, digital file** identifier **and administration file information
   respectively to data section, footer and header of binary file**
Patent Assignee: STERN Y (STER-I)
Inventor: STERN Y
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5896462	A	19990420	US 94318044	A	19941004	199923	B
			US 96664211	A	19960611		

Priority Applications (No Type Date): US 96664211 A 19960611; US 94318044 A
   19941004
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5896462	A		10	G06K-009/00	CIP of application US 94318044

Abstract (Basic): US 5896462 A
      NOVELTY - Geometrical definition and **location** of an element
   within digital **image** are **determined** . If element includes at least
   one word, text and geometrical definition of text of element are stored
   to data section of binary file. If element includes at least one image,
   then digital file **identifier** and geometrical definition of image of
   element are stored in the footer of the binary file. DETAILED
   DESCRIPTION - The administrative file information pertaining to the
   digital file is stored in the header of the binary file. The mapping of
   the element to the binary file is done manually or automatically. The
   mapping is done using OCR technology or algorithm for recognizing
   gutters between columns or algorithm for recognizing an article by its
   size or algorithm for recognizing additional graphic elements relating
   to an individual element. INDEPENDENT CLAIMs are included for the
   following. element retrieving method; element storing method.
      USE - For identifying digital image element from database.
      ADVANTAGE - As extensive computer resources are not needed, cost is
   reduced. Moreover retrieval, update and sorting of data are
   performable. DESCRIPTION OF DRAWING(S) - The diagram shows the flow
   chart showing the steps associated with searching and retrieving an
   element from graphic database.
      Dwg.4/4
Title Terms: DIGITAL; IMAGE; PROCESS; METHOD; GRAPHIC; DATABASE; STORAGE;
   TEXT; DIGITAL; FILE; IDENTIFY; ADMINISTER; FILE; INFORMATION; RESPECTIVE;
   DATA; SECTION; HEADER; BINARY; FILE
Derwent Class: T01
International Patent Class (Main): G06K-009/00
File Segment: EPI

010927863   **Image available**
WPI Acc No: 1996-424814/199642
Related WPI Acc No: 1998-041442
XRPX Acc No: N96-357692
   **Graphic object selecting method on display screen - involves determining
   unique item** identifiers **which is assigned to each one of graphic
   objects, and therefore assigned to each display location**
Patent Assignee: HEWLETT-PACKARD CO (HEWP)
Inventor: BLAHO B E; MONTGOMERY K M
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5555003	A	19960910	US 9345925	A	19930412	199642	B
			US 95417183	A	19950405		
JP 3481296	B2	20031222	JP 9473531	A	19940412	200401	

Priority Applications (No Type Date): US 9345925 A 19930412; US 95417183 A
   19950405
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5555003	A		18	G09G-005/08	Cont of application US 9345925
JP 3481296	B2		20	G06T-011/80	Previous Publ. patent JP 7114647

Abstract (Basic): US 5555003 A
     The method involves creating an item buffer with a storage location
   corresponding to each display location on the graphics display screen.
   A unique item **identifiers** is assigned to each of the graphic objects
   displayed on the graphics display screen. **Graphic** objects displayed
   at each display **location** on the **graphics** display screen are
   determined . The unique item **identifiers** which is assigned to each
   one of the graphic objects, and therefore assigned to each display
   location are determined. The unique item **identifiers** are stored in
   the item buffer storage locations
     ADVANTAGE - Allows selecting, or picking of graphic object being
   displayed on display screen. Uses item buffer for selecting graphics
   object.
     Dwg.1/10
Title Terms: GRAPHIC; OBJECT; SELECT; METHOD; DISPLAY; SCREEN; DETERMINE;
   UNIQUE; ITEM; IDENTIFY; ASSIGN; ONE; GRAPHIC; OBJECT; ASSIGN; DISPLAY;
   LOCATE
Derwent Class: P85; T01; T04
International Patent Class (Main): G06T-011/80; G09G-005/08
File Segment: EPI; EngPI

010123138   **Image available**
WPI Acc No: 1995-024389/199504
XRPX Acc No: N95-018910
  Image frame detection method in automated photographic film handling -
  identifying locations **of respective** image **frames contained on**
  photographic film strip by storing scan-line data to generate predictor
  space for identifying frame locations
Patent Assignee: EASTMAN`KODAK CO (EAST)
Inventor: MITCH J
Number of Countries: 005 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 629903	A2	19941221	EP 94109121	A	19940614	199504	B
US 5414779	A	19950509	US 9376592	A	19930614	199524	
JP 7121686	A	19950512	JP 94130694	A	19940613	199528	
EP 629903	A3	19950712	EP 94109121	A	19940614	199612	
EP 629903	B1	20030312	EP 94109121	A	19940614	200319	
DE 69432239	E	20030417	DE 632239	A	19940614	200333	
			EP 94109121	A	19940614		

Priority Applications (No Type Date): US 9376592 A 19930614
Cited Patents: No-SR.Pub; DE 3714020; EP 516055
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
EP 629903	A2 E	31	G03B-027/62	
	Designated States (Regional): DE FR GB			
US 5414779	A	22	G06K-009/00	
JP 7121686	A	20	G06T-001/00	
EP 629903	A3		G03B-027/62	
EP 629903	B1 E		G03B-027/62	
	Designated States (Regional): DE FR GB			
DE 69432239	E		G03B-027/62	Based on patent EP 629903

Abstract (Basic): EP 629903 A
      The method of detecting the locations of respective image frames
   contained on an image recording medium involves scanning the image
   recording medium to produce data representing the contents of
   successive scan lines of the image recording medium, processing the
   scan data to generate a predictor space for frame **identifiers** and
   producing a series of thresholds based upon the predictor space and a
   series of predetermined statistics.
      All the well formed image frames are determined based upon the
   thresholds and the determined well formed image frames are used to
   produce frame statistics which are· used to detect the location of image
   frames other than the well formed image frames.
      USE/ADVANTAGE - Frame detection for locating positions of
   respective images. Allows greater sensitivity.
      Dwg.1/26
Title Terms: IMAGE; FRAME; DETECT; METHOD; AUTOMATIC; PHOTOGRAPH; FILM;
   HANDLE; IDENTIFY; LOCATE; RESPECTIVE; IMAGE; FRAME; CONTAIN; PHOTOGRAPH;
   FILM; STRIP; STORAGE; SCAN; LINE; DATA; GENERATE; PREDICT; SPACE;
   IDENTIFY; FRAME; LOCATE
Derwent Class: P82; S06; T04
International Patent Class (Main): G03B-027/62; G06K-009/00; G06T-001/00
International Patent Class (Additional): G01B-011/00; G06T-007/60;
   H04N-005/76
File Segment: EPI; EngPI

16/5/15   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

007550491   **Image available**
WPI Acc No: 1988-184423/198827
XRPX Acc No: N88-140914
   Office automation system with integrated image management - has
   relational data base to organise stored images, providing flexible access
   and avoiding reconfiguration of storage system
Patent Assignee: WANG LAB INC (WANG   )
Inventor: BARRETT R M; EDELBERG M; NICHOLLS J A; OBRIEN C J; SILVER B R
Number of Countries: 008 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 273435	A	19880706	EP 87119282	A	19871229	198827	B
JP 63173165	A	19880716				198834	
AU 8780939	A	19880714				198842	
US 4918588	A	19900417	US 86948375	A	19861231	199020	
CA 1282178	C	19910326				199117	
EP 273435	B1	19950322	EP 87119282	A	19871229	199516	
DE 3751187	G	19950427	DE 3751187	A	19871229	199522	
			EP 87119282	A	19871229		

Priority Applications (No Type Date): US 86948375 A 19861231
Cited Patents: 3.Jnl.Ref; A3...9146; EP 156923; EP 170469; EP 230616;
  No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 273435	A	E	21		

  Designated States (Regional): BE DE FR GB

EP 273435	B1	E	28	G06F-017/30	

  Designated States (Regional): BE DE FR GB

DE 3751187	G			G06F-017/30	Based on patent EP 273435

Abstract (Basic): EP 273435 A
      The image management system has a relational data base system (310)
   and several document locator data bases (382), each for use by the
   relational data base system for determing a media aodress for an image
   document from a logical document **identifier** . An image system data
   base (380) is provided for use by the relational data base system for
   determining a physical device address from a media address.
      The media address refers to one of several different storage media
   and the image system data base includes a table for each type of bulk
   image storage medium.
      ADVANTAGE - Reduced data base records.
      3/6
Title Terms: OFFICE; AUTOMATIC; SYSTEM; INTEGRATE; IMAGE; MANAGEMENT;
  RELATED; DATA; BASE; ORGANISE; STORAGE; IMAGE; FLEXIBLE; ACCESS; AVOID;
  RECONFIGURE; STORAGE; SYSTEM
Derwent Class: T01; W02
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-013/00; G06F-015/40;
  H04N-001/21
File Segment: EPI

25/5/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

017280410   **Image available**
WPI Acc No: 2005-604038/200562
XRPX Acc No: N05-495446
  **Reference picture determining method for interprediction of macroblock,
  involves** finding **co-** located picture **and block, determining
  reference index and mapping it to lowest valued reference index, and
  determining another index**
Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: BOOTH S; LEUNG H; LINZER E N; WINGER L L
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20050185713 A1   20050825 US 2004785273   A   20040224 200562 B

Priority Applications (No Type Date): US 2004785273 A 20040224
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20050185713 A1   8 H04N-007/12

Abstract (Basic): US 20050185713 A1
      NOVELTY - The method involves **finding** a co- **located   picture**
  and block. The co- **located picture** is a reference picture used for
  direct mode prediction. A reference index is determined and mapped to a
  lowest valued reference index in a current reference list. A unique
  identifier for each reference picture is stored. Another reference
  index is determined by using the former reference index.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
  reference picture determining apparatus used for inter-prediction of a
  block.
      USE - Used for determining a reference picture for an
  interprediction of a macroblock.
      ADVANTAGE - The method provides the potential for increasing coding
  efficiency of B-frames and provides flexibility to an encoder to be
  able to use a truly interpolative direct-mode prediction along with an
  arbitrary choice for the picture referred by the reference index.
      DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of an
  implementation of reference picture determining method.
      pp; 8 DwgNo 1/4
Title Terms: REFERENCE; PICTURE; DETERMINE; METHOD; FINDER; CO; LOCATE;
  PICTURE; BLOCK; DETERMINE; REFERENCE; INDEX; MAP; LOW; VALUE; REFERENCE;
  INDEX; DETERMINE; INDEX
Derwent Class: W04
International Patent Class (Main): **H04N-007/12**
File Segment: EPI

017121430   **Image available**
WPI Acc No: 2005-445773/200546
XRPX Acc No: N05-362252
   **Positioning vulnerable water print generating and recognizing method
   capable of distigushing image and watermark distortion**
Patent Assignee: UNIV XIAN JIAOTONG (UYXI-N)
Inventor: DAI H; HE H; ZHANG J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CN 1598877	A	20050323	CN 200440433	A	20040812	200546	B

Priority Applications (No Type Date): CN 200440433 A 20040812
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1598877	A			G06T-001/00	

Abstract (Basic): CN 1598877 A
      NOVELTY - The invention discloses orientation flimsy watermark
   generating and certificating method which can distinguish image and
   juggled watermark. Original image's wavelet low frequency coefficient
   of 4 bitsis scalar quantized and used as watermark. The watermark is
   disturbed using **random number** to encrypt to improve its security.
   The encrypted watermark is embedded into LSB bit of original image.
   Original image's general picture is displayed through original
   watermark image's low frequency compress image recovered from watermark
   when certificating. Combining juggled position of **image** information
   located by difference value **images** with difference between image
   information and juggled watermark, how attacker juggled the image can
   be directly judged. At the premise of guaranteeing image's
   authenticity, switch efficiency of digital image is improved, which is
   helpful for digital images' application and spread. Adopting the
   invention, the authentication result is direct, visual effect is good,
   key's space is bigger and watermark algorithm is safer.
      DwgNo 1/1
Title Terms: POSITION; VULNERABLE; WATER; PRINT; GENERATE; RECOGNISE;
  METHOD; CAPABLE; IMAGE; WATERMARK; DISTORT
Derwent Class: T01; W02
International Patent Class (Main): G06T-001/00
International Patent Class (Additional): **H04N-001/32**
File Segment: EPI

015406889   **Image available**
WPI Acc No: 2003-469030/200344
XRPX Acc No: N03-373254
  **Tracking system for medical images and associated digital images for
  diagnostic evaluation e.g. mammography studies, using tracking**
  identifier **to** locate **required** image
Patent Assignee: ICAD INC (ICAD-N)
Inventor: GUSTAFSON G; SALLAM M Y; WOODS K S
Number of Countries: 102 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200346796	A2	20030605	WO 2002US37113	A	20021120	200344	B
US 20030110178	A1	20030612	US 2001331784	P	20011121	200355	
			US 2002292514	A	20021113		
AU 2002348300	A1	20030610	AU 2002348300	A	20021120	200419	

Priority Applications (No Type Date): US 2001331784 P 20011121; US
  2002292514 A 20021113
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200346796 A2 E 37 G06F-019/00
  Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
  CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ OM
  PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
  ZA ZM ZW
  Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
  GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
US 20030110178 A1   G06F-007/00   Provisional application US 2001331784

AU 2002348300 A1   ·   G06F-019/00   Based on patent WO 200346796

Abstract (Basic): WO 200346796 A2
     NOVELTY - A server receives and processes a medical image request
  which includes a tracking **identifier** for a medical image, and
  retrieves at least one of a number of digitized medical images or CAD
  images associated with the medical images, from a storage device using
  the tracking **identifier** .
     DETAILED DESCRIPTION - The system for tracking medical images and
  associated digital images for diagnostic evaluation, includes a scanner
  for digitizing one or more medical images defining a case, to produce
  one or more digitized medical images, and for reading a
  machine-readable tracking **identifier** attached to each medical image
  of the case. A server associates the tracking **identifier** with one or
  more digitized medical images and one or more computer-aided diagnostic
  (CAD) images, in which the CAD images correspond to the digitized
  medical images that are processed using a CAD algorithm. A storage
  device stores the associated tracking **identifier** , the medical images
  and the CAD images. The server receives and processes a medical image
  request including the tracking **identifier** , to retrieve at least one
  of the digitized medical images or CAD images from the storage device
  using the tracking **identifier** .
     An INDEPENDENT CLAIM is included for a method of scanning and
  tracking medical images using a scanning system.
     USE - Processing medical films and tracking associated digital
  images, for tracking a patient's radiological study for computer-aided
  analysis and clinical review e.g. in mammography.
     ADVANTAGE - Provides a reliable system for processing radiological
  films and correctly associating the films with corresponding CAD
  analysis by generating tracking information for a particular study e.g.

mammography studies consisting of 4 X-ray mammograms.
　　　DESCRIPTION OF DRAWING(S) - The drawing shows a flowchart showing the method for processing, tracking and retrieving mammograms according to an embodiment of the invention.
　　　pp; 37 DwgNo 4/13
Title Terms: TRACK; SYSTEM; MEDICAL; IMAGE; ASSOCIATE; DIGITAL; IMAGE; DIAGNOSE; EVALUATE; MAMMOGRAPHY; STUDY; TRACK; IDENTIFY; LOCATE; REQUIRE; IMAGE
Derwent Class: S03; S05; T01
International Patent Class (Main): **G06F-007/00 ; G06F-019/00**
File Segment: EPI

016951828   **Image available**
WPI Acc No: 2005-276137/200529
XRPX Acc No: N05-226848
  **Image forming device e.g. copier, divides stored image data and searches
  required image data based on attribute information added to image data,
  so that image data is output from another device**
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2005081618	A	20050331	JP 2003314271	A	20030905	200529	B

Priority Applications (No Type Date): JP 2003314271 A 20030905
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2005081618	A		10	B41J-029/38	

Abstract (Basic): JP 2005081618 A
     NOVELTY - A classification unit divides stored image data based on
  attribute information such as data creation date and data **identifier**
  added to the **image** data. A **search** unit searches **image** data based
  on attribute information, so that image data is output from an another
  image forming device.
     USE - E.g. electrophotographic-type inkjet printer, copier
  connected to server for recording image data such as advertisement data
  related to shop, hotel and leisure facilities in theme park and garden.
     ADVANTAGE - Identifies recommendation information from the stored
  image data reliably, thereby improving operability and convenience in
  utilization of the image forming device.
     DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of
  the copier.
     document feeder (1)
     scanner (2)
   · printer unit (3)
     operating unit (4)
     display section (5)
     pp; 10 DwgNo 1/6
Title Terms: IMAGE; FORMING; DEVICE; COPY; DIVIDE; STORAGE; IMAGE; DATA;
  SEARCH; REQUIRE; IMAGE; DATA; BASED; ATTRIBUTE; INFORMATION; ADD; IMAGE;
  DATA; SO; IMAGE; DATA; OUTPUT; DEVICE
Derwent Class: P75; P84; S06; T01; T04
International Patent Class (Main): B41J-029/38
International Patent Class (Additional): G03G-021/00; G03G-021/02;
  G06F-003/12; G07F-017/26; H04N-001/00
File Segment: EPI; EngPI

```
Set      Items    Description
S1       616756   IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRA-
                  PHIC? ?
S2       826309   PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR
                  FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR S-
                  UBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFOR-
                  M()RESOURCE
S3        85901   IDENTIFIER? ?
S4        12300   (RANDOM OR PSEUDORANDOM)()NUMBER? ?
S5        33278   HASH OR DIGEST
S6            0   S1 (30N) S2 (30N) S3 (30N) S4 (30N) S5
S7           19   S1 (30N) S2 (30N) S3 (30N) S4
S8           19   IDPAT (sorted in duplicate/non-duplicate order)
S9           18   IDPAT (primary/non-duplicate records only)
S10       90059   (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? -
                  OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING
                  OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCO-
                  VER?? OR DISCOVERING)(3N)S2
S11        4828   S10 (10N) S1
S12        3107   S10 (5N) S1
S13          23   S12 (10N) S3
S14          23   IDPAT (sorted in duplicate/non-duplicate order)
S15          23   IDPAT (primary/non-duplicate records only)
S16          23   S15 NOT S9
S17          16   S16 AND IC=(G06F OR H04N)
S18           0   S12 (10N) S4
File 348:EUROPEAN PATENTS 1978-2005/Oct W05
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051110,UT=20051103
         (c) 2005 WIPO/Univentio
```

DIALOG(R)File 348:EUROPEAN PATENTS

01338828
**PROTECTING CONTENT FROM ILLICIT REPRODUCTION BY PROOF OF EXISTENCE OF A
    COMPLETE DATA SET VIA SELF-REFERENCING SECTIONS**
**SCHUTZ EINES INHALTS VOR UNRECHTMASSIGER WIEDERGABE DURCH DEN
    EXISTENZBEWEIS EINES KOMPLETTEN DATENSATZES MIT HILFE VON
    SELBSTREFERENZIERENDEN SEKTIONEN**
**PROTECTION DE CONTENU CONTRE LA REPRODUCTION ILLICITE PAR PREUVE DE
    L'EXISTENCE D'UN ENSEMBLE DE DONNEES COMPLET VIA DES SECTIONS A
    RAISONNEMENT AUTOREFERENTIEL**
PATENT ASSIGNEE:
  Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621
    BA Eindhoven, (NL), (Proprietor designated states: all)
INVENTOR:
  STARING, Antonius, A., M., Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
  EPSTEIN, Michael, A., Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
  ROSNER, Martin, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
  KRASINSKI, Raymond, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
LEGAL REPRESENTATIVE:
  Groenendaal, Antonius Wilhelmus Maria et al (59381), Philips Intellectual
    Property & Standards P.O. Box 220, 5600 AE Eindhoven, (NL)
PATENT (CC, No, Kind, Date):   EP 1185957 A2   020313 (Basic)
                               EP 1185957 B1   050202
                               WO 2001059705   010816
APPLICATION (CC, No, Date):   EP 2001903653 010117;   WO 2001EP477   010117
PRIORITY (CC, No, Date): US 180838 P 000207; US 536944 000328
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06T-001/00
CITED PATENTS (EP B): EP 840513 A; WO /39953 A; WO 99/45704 A
CITED REFERENCES (EP B):
  MAES M ET AL: "EXPLOITING SHIFT INVARIANCE TO OBTAIN A HIGH PAYLOAD IN
    DIGITAL IMAGE WATERMARKING" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE
    ON MULTIMEDIA COMPUTING AND SYSTEMS, June 1999 (1999-06), pages 7-12,
    XP000939264 Eindhoven, The Netherlands;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 011010 A2 International application. (Art. 158(1))
  Application: 011010 A2 International application entering European
                             phase
  Application: 020313 A2 Published application without search report
  Examination: 020828 A2 Date of request for examination: 20020620
  Examination: 040407 A2 Date of dispatch of the first examination
                             report: 20040219
  Grant: 050202 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200505	926
CLAIMS B	(German)	200505	892
CLAIMS B	(French)	200505	1066
SPEC B	(English)	200505	4776
Total word count - document A			0
Total word count - document B			7660
Total word count - documents A + B			7660

...SPECIFICATION comprise other sample songs that are provided to encourage
    the sale of other albums, or **images** and video sections related to the
    recorded content material. Similarly, promotional material, such as

Internet...

...accordance with this invention, the encoder 110 includes a binder 116 that creates a unique **identifier** for each section, and an **identifier** for the entirety of the data set. In a preferred embodiment, the **identifier** of each section is the **address** that is used for accessing the particular section. The data set **identifier** can be any somewhat-unique **identifier** that reduces the likelihood of different data sets having the same **identifier**, thereby reducing the likelihood of an illicit substitution of sections from different data sets. In a preferred embodiment, for example, the data set **identifier** includes a 64 bit **random** **number**, and a parameter that can be used to determine the total size of the data set. The binder 116 communicates the data set **identifier** and the unique **identifier** of each section to the recorder 114 for recording onto the medium 130.

Preferably, the recorder records the data set **identifier** and the unique **identifier** of each section as one or more watermarks that are embedded in each section. In a preferred embodiment, the section **identifier** and data set **identifier** are encoded as combination of a robust watermark and a fragile watermark. In this manner...

9/5,K/5   (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00787462
**Method, apparatus and medium for delivering a processing application linked
    to data to be processed**
**Verfahren, Gerat und Medium um ein Anwenderprogramm zu liefern, welches mit
    zu verarbeitenden Daten verbunden ist**
Methode, appareil et moyen pour fournir une application de traitement liee
    aux donnees a traiter
PATENT ASSIGNEE:
   EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York
      14650-2201, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
   Fredlund, John R., c/o Eastman Kodak Co., 343 State Street, Rochester,
      New York 14650-2201, (US)
   Manico, Joseph Anthony, c/o Eastman Kodak Co., 343 State Street,
      Rochester, New York 14650-2201, (US)
LEGAL REPRESENTATIVE:
   Buff, Michel et al (14411), Kodak-Pathe Departement des Brevets et
      Licences CRT Centre de Recherches et de Technologie Zone Industrielle,
      71102 Chalon sur Saone Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 733995 A1 960925 (Basic)
APPLICATION (CC, No, Date):   EP 96420076 960307;
PRIORITY (CC, No, Date): US 407539 950320
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06T-001/00; G06F-001/00;

ABSTRACT EP 733995 A1
   An apparatus and method that stores image data on a disk along with an
   application program that operates on those images. The application
   program is limited to interacting with only the images on the disk.
   This interaction limitation is accomplished by creating a unique
   signature for each image from the data of the image and including that
   signature in the application. Prior to executing image processing
   operations on any retrieved image the application checks the signature
   of the image with the signature in the application and if there is not a
   match the application program is disabled. (see image in original
   document)
ABSTRACT WORD COUNT: 121

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Withdrawal: 000816 A1 Date application deemed withdrawn: 20000216
 Application: 960925 A1 Published application (A1with Search Report
                            ;A2without Search Report)
 Change: 961009 A1 Representative (change)
 Examination: 970502 A1 Date of filing of request for examination:
                            970228
 Examination: 991201 A1 Date of dispatch of the first examination
                            report: 19991015
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	337
SPEC A	(English)	EPAB96	3854
Total word count - document A			4191
Total word count - document B			0
Total word count - documents A + B			4191

...SPECIFICATION 66 where the application 66 has been restricted so that
   save and print operations on **images** cannot be performed. As a result
   modified images can be only displayed and cannot be...

...the modifications and provide a print, slide, etc. as desired by the user.

The unique **identifier** used by the application to determine whether the application is allowed to process the image can be created in a number of different ways. One method is to use a **random number** generator started with a seed that is specific to the particular **image** . For example, the seed could be arbitrary and assigned to the **image** or could be a particular pixel of the **image** . The **random number** generator generates numbers which select or indicate an arbitrary number of pixel **locations** within the **image** . Of course, the **locations** themselves can be in a fixed **location** controlled by a bit **location** map stored in the application instead of random, as an alternative. It is also possible that all the bits of the signature can be located at a single **location** within the **image** , such as an **image** edge pixel that is normally not noticed by a viewer, and the location can be...

9/5,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00576199
Multicast communication tree creation and control method and apparatus
Verfahren   und   Vorrichtung   zur   Bildung   und   Steuerung   eines
    Mehrempfangerubertragungsbaums
Methode et appareil pour la creation et le controle d'un arbre de
    communication multidestinataire
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (Proprietor designated states: all)
INVENTOR:
  Auerbach, Joshua Seth, 20 Rolling Ridge Road, Ridgefield, CT 06877, (US)
  Chow, Chee-Seng, 26 Prospect Avenue, 2nd Floor, Ossining, NY 10562, (US)
  Peters, Marcia Lambert, 6 New Hope Trails, Pittsboro, NC 27312, (US)
  Drake, John Ellis, Jr., 321 Fearrington, Pittsboro, NC 27312, (US)
  Gopal, Prabandham Madan, 1043 Black Oak Ridge Road, Wayne, NJ 07470, (US)
  Hervatic, Elizabeth Anne, 4908 Matlock Street, Apex, NC 27502, (US)
  Kaplan, Marc Adam, RFD 5 Holly Hill Lane, Katonah, NY 10536, (US)
LEGAL REPRESENTATIVE:
  de Pena, Alain (15151), Compagnie IBM France Departement de Propriete
    Intellectuelle, 06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 575281 A2 931222 (Basic)
                              EP 575281 A3 960214
                              EP 575281 B1 991117
APPLICATION (CC, No, Date):   EP 93480060 930519;
PRIORITY (CC, No, Date): US 900628 920618
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: H04L-012/18
CITED PATENTS (EP B): EP 180990 A
CITED REFERENCES (EP B):
  INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS, ARLINGTON,
    TEXAS, MAY 20 - 24, 1991, no. CONF. 11, 20 May 1991 INSTITUTE OF
    ELECTRICAL AND ELECTRONICS ENGINEERS, pages 231-238, XP 000221861
    AUERBACH J ET AL 'MULTICAST GROUP MEMBERSHIP MANAGEMENT IN HIGH SPEED
    WIDE AREA NETWORKS'
  MICROPROCESSORS AND MICROSYSTEMS, vol. 13, no. 9, 1 November 1989 pages
    563-568, XP 000081216 HUGHES L 'SURVEY OF MULTICAST ADDRESS HANDLING
    TECHNIQUES FOR ETHERNET COMMUNICATION CONTROLLERS'
  IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATION, vol. 9, no. 9, 1
    December 1991 pages 1427-1439, XP 000267533 SEGALL A ET AL 'RELIABLE
    MULTIUSER TREE SETUP WITH LOCAL IDENTIFIERS';

ABSTRACT EP 575281 A2
    In a multicast network communication system, administration of the
  communication path making up the multicast tree itself has been
  separated from control and administration of the network. Creation of a
  multicast distribution tree and control over the membership thereof, is
  separately controlled independently from the creation and use of the
  tree transmission path used to communicate among the members of a
  multicast set. Transmission distribution trees are set up when a
  transmission request is received and the properties of the transmission
  path that is required are known. Transmission **paths** are created and
  controlled by all nodes in the communications system, each node having
  necessary control code and processors for responding to requests from
  set members to transmit a message to groups of users by creating and
  activating the necessary tree communication **path** distribution
  linkages. A distribution tree is created by the Tree Leader by
  generating a tree **address** using a **random number** generator. A tree
   address correlator is generated utilizing network and node
  identifiers unique for the network, and a list of subnodes or users
  connected for each member of the multicast tree set is generated. Using

this information, a tree distribution **path** is computed to cover all of
the subnodes required and a tree set up request message is sent by the
Tree Leader along a computed **path** to each involved subnode. Each
subnode returns a message indicating whether the tree **address** is
already in use or is available for use. Successfully negotiated tree
addresses are marked at the path link initiation and termination
points at each node through the network. (see **image** in original
document)
ABSTRACT WORD COUNT: 304
NOTE:
  Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 001025 B1 Date of lapse of European Patent in a
                             contracting state (Country, date): BE
                             19991117,
  Application: 931222 A2 Published application (A1with Search Report
                             ;A2without Search Report)
  Lapse: 020626 B1 Date of lapse of European Patent in a
                             contracting state (Country, date): AT
                             19991117, BE 19991117, CH 19991117, LI
                             19991117, ES 19991117, SE 19991117,
  Lapse: 001227 B1 Date of lapse of European Patent in a
                             contracting state (Country, date): AT
                             19991117, BE 19991117, CH 19991117, LI
                             19991117,
  Lapse: 001213 B1 Date of lapse of European Patent in a
                             contracting state (Country, date): BE
                             19991117, CH 20000222, LI 20000222,
  Oppn None: 001102 B1 No opposition filed: 20000818
  Lapse: 001220 B1 Date of lapse of European Patent in a
                             contracting state (Country, date): AT
                             19991117, BE 19991117, CH 20000222, LI
                             20000222,
  Lapse: 020605 B1 Date of lapse of European Patent in a
                             contracting state (Country, date): AT
                             19991117, BE 19991117, CH 19991117, LI
                             19991117, SE 19991117,
  Examination: 940629 A2 Date of filing of request for examination:
                             940429
  Search Report: 960214 A3 Separate publication of the European or
                             International search report
  Examination: 980617 A2 Date of despatch of first examination report:
                             980504
  Grant: 991117 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS B   (English) 9946   1088
     CLAIMS B   (German)   9946   1120
     CLAIMS B   (French)   9946   1326
     SPEC B   (English) 9946   9386
Total word count - document A   0
Total word count - document B   12920
Total word count - documents A + B   12920

...ABSTRACT are set up when a transmission request is received and the
  properties of the transmission **path** that is required are known.
  Transmission **paths** are created and controlled by all nodes in the
  communications system, each node having necessary...

...transmit a message to groups of users by creating and activating the
  necessary tree communication **path** distribution linkages. A
  distribution tree is created by the Tree Leader by generating a tree

address using a **random number** generator. A tree **address** correlator is generated utilizing network and node **identifiers** unique for the network, and a list of subnodes or users connected for each member of the multicast tree set is generated. Using this information, a tree distribution **path** is computed to cover all of the subnodes required and a tree set up request message is sent by the Tree Leader along a computed **path** to each involved subnode. Each subnode returns a message indicating whether the tree **address** is already in use or is available for use. Successfully negotiated tree **addresses** are marked at the path link initiation and termination points at each node through the network. (see **image** in original document)

00993647   **Image available**
**METHOD   AND   SYSTEM   FOR   ASSOCIATING   VISUAL   INFORMATION   WITH   TEXTUAL
     INFORMATION**
**PROCEDE   ET SYSTEME PERMETTANT D'ASSOCIER DES INFORMATIONS VISUELLLES A DES
     INFORMATIONS TEXTUELLES**
Patent Applicant/Inventor:
  ELIN Gregory, 4 Wilde Place, Montclair, NJ 07042, US, US (Residence), US
     (Nationality)
Legal Representative:
  BUFALINO Angelo J (agent), Vedder Price Kaufman & Kammholz, 222 N.
     LaSalle Street, Chicago, IL 60601, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200323631 A1 20030320 (WO 0323631)
  Application: WO 2002US28655 20020910 (PCT/WO US0228655)
  Priority Application: US 2001318442 20010910
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-015/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6112

English Abstract
  A method for associating visual information with textual information
  including selecting an object from a visual representation (1200);
  creating a unique identifier associating the selected object with the
  visual representation (1210); creating meta-data for the selected object
  (1220), the meta-data including textual information providing an
  interrelationship between the selected object and the visual
  representation; and associating the meta-data with the selected object
  separate from the visual representation (1230). A system for associating
  visual information with textual information includes at least one
  processor; and a memory, coupled to the at least one processor, the
  memory including instructions that when executed by the at least one
  processor, cause the at least one processor to select an object from a
  visual representation, create a unique identifier associating the
  selected object with the visual representation, create meta-data for the
  selected object, the meta-data including textual information providing an
  interrelationship between the selected object and the visual
  representation, and associating the meta-data with the selected object
  separate from the visual representation.

French Abstract
  L'invention concerne un procede permettant d'associer des informations
  visuelles a des informations textuelles. Ce procede consiste a
  selectionner un objet a partir d'une representation visuelle (1200), a
  creer un identificateur unique en associant l'objet selectionne a ladite
  representation visuelle (1210), a creer des metadonnees pour l'objet
  selectionne (1220), ces metadonnees contenant des informations textuelles

qui etablissent une relation entre l'objet selectionne et la representation visuelle, et a associer ces metadonnees a l'objet selectionne separe de la representation visuelle (1230). Cette invention concerne egalement un systeme permettant d'associer des informations visuelles a des informations textuelles. Ce systeme comprend au moins un processeur et une memoire, reliee a ce processeur. Cette memoire contient des instructions qui, lorsqu'elles sont executees par ledit processeur, entrainent ce processeur a selectionner un objet a partir d'une representation visuelle, a creer un identificateur unique en associant l'objet selectionne a la representation visuelle, a creer des metadonnees pour l'objet selectionne, ces metadonnees contenant des informations textuelles qui etablissent une relation entre l'objet selectionne et la representation visuelle, et a associer ces metadonnees a l'objet selectionne separe de la representation visuelle.

Legal Status (Type, Date, Text)
Publication   20030320 A1 With international search report.
Examination   20030710 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
...   captured as is needed. That is, each selected object 400, 420 has a w-iique **identifier** 410, 430 assigned either manually or automatically by a suitable algorithm, for example, a Universal Unique **Identifier** (UUID) generation routine that combines a time stamp with a **random number** generator or a unique **location** string. The amount of data stored for the creation of selected objects is not fixed...a selected object created from digital video differently than that necessary to store a digitized **photograph** . This data generally may include, for example, one or more unique **identifiers** of the source visual representation, coordinate registration information identifying the position of a selected
7...

00977561   **Image available**
METHOD AND APPARATUS FOR RANDOM FORCED INTRA-REFRESH IN DIGITAL IMAGE AND VIDEO CODING
PROCEDE ET APPAREIL POUR RAFRAICHISSEMENT INTRA FORCE ALEATOIRE DANS UNE IMAGE NUMERIQUE ET UN CODAGE VIDEO
Patent Applicant/Assignee:
  MOTOROLA INC, 1303 East Algonquin Road, Schaumburg, IL 60196, US, US
    (Residence), US (Nationality)
Inventor(s):
  GANDHI Bhavan, 62 E. Depot Street, Vernon Hills, IL 60061, US,
  O'CONNELL Kevin, 136 N. Norman Drive, Palatine, IL 60067, US,
  NICOZISIN David, 1718 N. Hermitage Avenue, #2, Chicago, IL 60622, US,
Legal Representative:
  HAAS Kenneth A (et al) (agent), Motorola, Inc., Intellectual Property
    Dept., 1303 East Algonquin Road, Schaumburg, IL 60196, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200307605 A1 20030123 (WO 0307605)
  Application: WO 2002US21988 20020709 (PCT/WO US0221988)
  Priority Application: US 2001902438 20010710
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04N-007/12
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5601

English Abstract
  A method and apparatus (500) for reducing error propagation (Fig. 1) in
  digital video signals using random forced intra-refresh of macroblocks
  (509). One or more predetermined regions are defined for each digital
  video frame. Within each predetermined region, a number of macroblocks
  are selected according to a random permutation of the macroblocks within
  the region. The selected macroblocks are intra-coded, while the remaining
  macroblocks are coded according to a standard video compression protocol.
  This approach provides an efficient method for mitigating error
  propagation in a decoder. Interior regions may be smaller than exterior
  regions, providing higher quality for the interior regions, where
  sensitivity to errors is higher.

French Abstract
  L'invention concerne un procede et un appareil (500) de reduction d'une
  propagation d'erreur (Fig. 1) dans des signaux video numeriques au moyen
  d'un rafraichissement intra force aleatoire de macro-blocs (509). Une ou
  plusieurs zones predeterminees sont definies pour chaque image video
  numerique. Dans chaque zone predeterminee, une pluralite de macro-blocs
  sont selectionnes en fonction d'une permutation aleatoire des macro-blocs
  a l'interieur de cette zone. Les macro-blocs selectionnes sont codes en
  intra, les macro-blocs restants etant codes conformement a un protocole
  de compression video standard. Ce systeme fournit un procede efficace

pour attenuer la propagation d'erreur dans un decodeur. Les zones
interieures peuvent etre plus petites que les zones exterieures, d'ou
l'obtention d'une qualite superieure pour les zones interieures, la
sensibilite aux erreurs etant plus elevee.

Legal Status (Type, Date, Text)
Publication   20030123 A1 With international search report.
Examination   20030417 Request for preliminary examination prior to end of
               19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
... the location registers 508. If the macroblock
   identifier corresponds to a forced intra-coded macroblock **location** , the
   macroblock Intra-refresh ...with header information 534 to produces the
   bit-stream
   output 524.

   The selection of the **locations** to the forced intra-coded is now
   described in more detail for a preferred embodiment...

...chart of one embodiment of the method of
   the invention. After start block 601, the **picture** size and other
   information for the current sequence of frames are retrieved at block
   602. According to the **picture** size, the number of regions, L, and the
   number of intra-coded macroblocks, N, in...

...read from
   memory at block 604. For each of the L regions, the N refresh **location**
    identifiers are read from the MB access arrays at block 606. The arrays
   are accessed in a circular manner. In an alternate embodiment the
   refresh **locations** are determined by determined using a pseudo- **random**
    number generator. This reduces the memory requirement, but
   increases the computation requirement. The **identifier** of the next
   macroblock to be coded is retrieved ...1 5 be intra- or inter- coded
   according to the position of macroblock within the **picture** and the
   order of the **picture** within the sequence of **pictures** .

   If the macroblock is to be forced intra-coded, as depicted by the
   positive branch...

00861634   **Image available**
DYNAMIC SELECTION OF IMAGES FOR WEB PAGES
SELECTION DYNAMIQUE D'IMAGES POUR PAGES WEB
Patent Applicant/Assignee:
  EBAY INC, 2125 Hamilton Avenue, San Jose, CA 95125, US, US (Residence),
    US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  PEARSON Jennifer, 4694 La Crescent Loop, San Jose, CA 95136, US, US
    (Residence), US (Nationality), (Designated only for: US)
  WANG Hsiaozhang Bill, 2777 Bungalow Court, San Jose, CA 95125, US, US
    (Residence), CN (Nationality), (Designated only for: US)
Legal Representative:
  MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,
    7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200195297 A1 20011213 (WO 0195297)
  Application: WO 2001US18225 20010605   (PCT/WO US0118225)
  Priority Application: US 2000589585 20000607
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
  TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-015/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 4896

English Abstract
  A gallery widget (203) is invoked when a tag in a mark-up language
  document, such as a web page, is processed. The gallery widget selects a
  number of images specified in the tag and places the images in the
  mark-up language document as defined by the tag. The images are selected
  from a gallery (201) containing all images available for display or from
  a pool of images (215) chosen from the gallery using a gallery
  administration tool (213).

French Abstract
  Dans cette invention, un element de galerie (203) est sollicite au cours
  du traitement d'une etiquette dans un document de langage de balisage,
  notamment une page Web. L'element de galerie selectionne un certain
  nombre d'images specifiees dans l'etiquette et les place dans le document
  de langage de balisage, comme le definit l'etiquette. Ces images sont
  selectionnees dans une galerie (201) qui contient l'ensemble d'images
  disponibles pour l'affichage, ou dans un ensemble d'images (215) choisies
  dans la galerie au moyen d'un outil de gestion de galerie (213).

Legal Status (Type, Date, Text)
Publication 20011213 A1 With international search report.
Rev Srch Rpt 20020328 Late publication of revised international search
                        report
Republication 20020328 A1 With international search report..

Examination   20020516 Request for preliminary examination prior to end of
19th month from priority date

Fulltext Availability:
  Claims

Claim
...   The computerized method of claim 7, wherein the proprietary format
  comprises: <widget identifier, number of **images** , display parameters>.

  10 The computerized method of claim 9, wherein the display parameters
  comprise a size parameter and a **location** parameter.

  11 The computerized method of claim 7, wherein the proprietary format
  comprises: <widget **identifier** , category **identifier** , number of **images**
  , display parameters>

  12 The computerized method of claim 1 further comprising:
  validating the pre-determined number of **images** against validation
  criteria; and substituting a different **image** for an **image** that fails
  the validation.

  13 A computer-readable medium having stored thereon executable
  instructions for causing a computer to perform a method for dynamically
  selecting **images** for a markup
  language document comprising:
  determining a number of **images** to display in the markup language
  document;
  obtaining a set of **random   numbers** corresponding to the number of
  images ;
  retrieving **images** from a group of **images** using the set of random
  numbers; and placing the retrieved images in the document.

  14...

...15 The computer-readable medium of claim 13 having further executable
  instructions comprising:
  determining a **location** in the document for each of the retrieved images
  from an instruction embedded in the...

9/5,K/15   (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00826976   **Image available**
PROTECTING CONTENT FROM ILLICIT REPRODUCTION BY PROOF OF EXISTENCE OF A COMPLETE DATA SET VIA SELF-REFERENCING SECTIONS
PROTECTION DE CONTENU CONTRE LA REPRODUCTION ILLICITE PAR PREUVE DE L'EXISTENCE D'UN ENSEMBLE DE DONNEES COMPLET VIA DES SECTIONS A RAISONNEMENT AUTOREFERENTIEL
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  STARING Antonius A M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
  EPSTEIN Michael A, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
  ROSNER Martin, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
  KRASINSKI Raymond, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V., Prof
    Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200159705 A2-A3 20010816 (WO 0159705)
  Application: WO 2001EP477 20010117 (PCT/WO EP0100477)
  Priority Application: US 2000180838 20000207; US 2000536944 20000328
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CN JP
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Main International Patent Class: G11B-020/00
International Patent Class: G06F-001/00; G06T-001/00; H04N-005/913
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6138

English Abstract
  A number of data items are selected for inclusion in a data set so as to
  discourage a transmission of the entire set over a limited bandwidth
  communications path, such as the Internet. Each data item comprises one
  or more sections, and the totality of sections constitute the complete
  data set. Each section of the data set contains a watermark that includes
  an identifier of the section, and an identifier of the data set. In a
  preferred embodiment, the identifier of the section is the address of the
  section, and the identifier of the data set is a serial number and an
  indicator of the total size of the data set. The presence of the data set
  is confirmed by checking the watermarks of randomly selected sections to
  verify that the original section that formed the data set is present. If
  a section is discovered to be missing or altered, subsequent processing
  of data items of the data set is prevented. In a preferred embodiment,
  the identifiers are stored as a combination of robust and fragile
  watermarks.

French Abstract
  Un nombre d'elements de donnees destine a etre inclus dans un ensemble de
  donnees est selectionne afin de decourager une transmission de la
  totalite de l'ensemble sur une voie de communication a largeur de bande
  limitee, tel que l'Internet. Chaque element de donnees comprend une ou
  plusieurs sections, et la totalite des sections constitue l'ensemble de
  donnees complet. Chaque section de l'ensemble de donnees contient un
  filigrane comprenant un identificateur de la section et un identificateur

de l'ensemble de donnees. Dans un mode de realisation prefere, l'identificateur de la section est l'adresse de la section, et l'identificateur de l'ensemble de donnees est un nombre ordinal et un indicateur de la taille totale de l'ensemble de donnees. La presence de l'ensemble de donnees est confirmee par verification des filigranes de sections, selectionnes aleatoirement, afin de verifier que la section originale formant l'ensemble de donnee est presente. Si une section manque ou est alteree, le traitement ulterieur d'elements de donnees de l'ensemble de donnees est empeche. Dans un mode de realisation prefere, les identificateurs sont stockes sous forme d'une combinaison de filigranes robustes et fragiles.

Legal Status (Type, Date, Text)
Publication   20010816 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20011220 Late publication of international search report
Republication 20011220 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... comprise other sample songs that are provided to encourage the sale of other albums, or **images** and video sections related to the recorded content material. Similarly, promotional material, such as Internet...

...invention, the encoder 1 1 0 includes a binder 1 16 that creates a unique **identifier** for each section, and an **identifier** for the entirety of the data set. In a preferred embodiment, the **identifier** of each section is the **address** that is used for accessing the particular section. The data set **identifier** can be any somewhat-unique **identifier** that reduces the likelihood of different data sets having the same **identifier** , thereby reducing the likelihood of an illicit substitution of sections from different data sets. In a preferred embodiment, for example, the data set **identifier** includes a 64 bit **random number** , and a parameter that can be used to determine the total size of the data set. The binder 1 16 communicates the data set **identifier** and the unique **identifier** of each section to the recorder 1 14 for recording onto the medium 13 0.

Preferably, the recorder records the data set **identifier** and the unique **identifier** of each section as one or more watermarks that are embedded in each section. In a preferred embodiment, the section **identifier** and data set **identifier** are encoded as combination of a robust watermark and a fragile watermark. In this manner...

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01335159
Method and system for locating and accessing digitally stored images
Verfahren und System zum Auffinden und Zugreifen auf digital gespeicherte
    Bilder
Procede et systeme pour localiser et acceder a des images stockees sous
    forme numerique
PATENT ASSIGNEE:
  EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York
    14650-2201, (US), (Applicant designated States: all)
INVENTOR:
  Shih, Willy C., Eastman Kodak Company, 343 State Street, Rochester, New
    York 14650-2201, (US)
  Manico, Joseph A., Eastman Kodak Company, 343 State Street, Rochester,
    New York 14650-2201, (US)
  McIntyre, Dale F., Eastman Kodak Company, 343 State Street, Rochester,
    New York 14650-2201, (US)
  Holms, James W., Eastman Kodak Company, 343 State Street, Rochester, New
    York 14650-2201, (US)
LEGAL REPRESENTATIVE:
  Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
    Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)
PATENT (CC, No, Kind, Date): EP 1139649 A2 011004 (Basic)
                              EP 1139649 A3 021211
APPLICATION (CC, No, Date):   EP 2001200993 010316;
PRIORITY (CC, No, Date): US 536521 000328
DESIGNATED STATES: CH; DE; FR; GB; IT; LI
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-001/32 ; H04N-001/00 ; G06F-017/30**

ABSTRACT EP 1139649 A2
    A hard copy print, method and system for producing the hard copy print.
The hard copy print has a print side and a back side. The print side has
information thereon which identifies the electronic location at which a
digital record of the image can be accessed electronically. This
information is preferably written in a machine readable form so as to
allow automatic accessing of the digitally stored images. The system
includes a digital storage device for storing of a digital record file of
the image on the hard copy print.
ABSTRACT WORD COUNT: 92
NOTE:
  Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 011004 A2 Published application without search report
  Change: 021204 A2 Legal representative(s) changed 20021011
  Change: 021211 A2 International Patent Classification changed:
                            20021021
  Search Report: 021211 A3 Separate publication of the search report
  Examination: 030709 A2 Date of request for examination: 20030512
  Examination: 031001 A2 Date of dispatch of the first examination
                            report: 20030814
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
    CLAIMS A (English)   200140   412
    SPEC A   (English)   200140   5456
Total word count - document A   5868
Total word count - document B   0
Total word count - documents A + B   5868

INTERNATIONAL PATENT CLASS: **H04N-001/32** ...

... **H04N-001/00** ...

... **G06F-017/30**

...SPECIFICATION hard copy print comprising the steps of:

   providing a hard copy print having a unique **identifier** for
   identifying the **location** at which a digital **image** record file of the
   image is stored.
      In accordance with still another aspect of the...

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00842545
ELECTRONIC DOCUMENT AND DATA STORAGE AND RETRIEVAL SYSTEM
ELEKTRONISCHES SPEICHER- UND WIEDERGABESYSTEM FÜR DOKUMENTE UND DATEN
SYSTEME DE STOCKAGE ET RESTITUTION DE DOCUMENTS ET DONNEES ELECTRONIQUES
PATENT ASSIGNEE:
  CITIBANK, N.A., (1570360), 399 Park Avenue, New York, New York 10043,
    (US), (Proprietor designated states: all)
INVENTOR:
  QUINN, Michael, F., 36 Fox Run Road, Pound Ridge, NY 10576, (US)
  MCGINLAY, James, 60 Goller Place, Staten Island, NY 10314, (US)
  KADRON, Roman, 81 Duncan Drive, Greenwich, CT 06831, (US)
LEGAL REPRESENTATIVE:
  Cooper, John et al (76421), Murgitroyd & Company 165-169 Scotland Street,
    Glasgow G5 8PL, (GB)
PATENT (CC, No, Kind, Date): EP 846298 A1 980610 (Basic)
                              EP 846298 A1 981125
                              EP 846298 B1 050518
                              WO 1997007468 970227
APPLICATION (CC, No, Date):   EP 96927417 960814; WO 96US13191 960814
PRIORITY (CC, No, Date): US 2375 P 950815; US 626600 960402
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
  MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: **G06F-017/30 ; G06F-017/60 ;** G06G-007/52
CITED PATENTS (EP B): EP 532796 A; FR 2595487 A; US 4918646 A; US 5159667 A
  ; US 5168444 A; US 5170466 A; US 5235433 A; US 5490217 A
CITED REFERENCES (EP B):
  ACCOUNTANCY, issued February 1995, A. ETHERINGTON, "The DIP Alternative",
    pages 60 and 62.
  NUCLEAR PLANT JOURNAL, issued July-August 1991, T. REDING, "Digital
    Imaging Technology: What, Where and Why in Commercial Nuclear Power",
    pages 89, 90 and 94.
  IMC JOURNAL 1, January-February 1989, D. BLACK, "The New Breed of
  Mixed-Media Image Management Systems", pages 9-13.
  MICROGRAPHICS & VIDEO TECHNOLOGY, Vol. 4, No. 1, 1985, G. WALTER,
    "Optical Digital Data Disk Systems for the Management and Dissemination
    of Office and Engineering Documents", pages 21-30.;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Examination: 010425 A1 Date of dispatch of the first examination
                              report: 20010307
  Application: 970611 A1 International application (Art. 158(1))
  Grant: 050518 B1 Granted patent
  Application: 980610 A1 Published application (A1with Search Report
                              ;A2without Search Report)
  Examination: 980610 A1 Date of filing of request for examination:
                              980309
  Search Report: 981125 A1 Drawing up of a supplementary European search
                              report: 981009
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200520	1179
CLAIMS B	(German)	200520	1129
CLAIMS B	(French)	200520	1447
SPEC B	(English)	200520	11606
Total word count - document A			0
Total word count - document B			15361
Total word count - documents A + B			15361

INTERNATIONAL PATENT CLASS: **G06F-017/30** ...

... **G06F-017/60**

...SPECIFICATION invention by the creation of transaction folders. The
system preferably maintains an internal unique key **identifier** to
identify each **folder** and document with the **image** transaction ID
number unique to each item when available from the image management
system. For...

...CLAIMS management system of any preceding claim, further comprising
   means for maintaining an internal unique key **identifier** to
   identify each transaction data **folder** and document with the **image**
   transaction ID number unique to each item when available from the
   image management system.
10...

...of claims 14 to 19, further comprising the step of maintaining an
   internal unique key **identifier** to **identify** each transaction data
   folder (170) and document with the **image** transaction ID number
   unique to each item when available from the image management system.

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00629750
Method and apparatus for generating operation and operand databases and for employing them in color image processing.
Verfahren und Gerat um Operations- und Operandendatenbanken zu erzeugen und um sie fur die Farbbildverarbeitung zu benutzen.
Procede et dispositif pour generer des bases de donnees d'operations et d'operandes et pour les utiliser pour le traitement d'images en couleur.
PATENT ASSIGNEE:
  SCITEX CORPORATION LTD., (861613), 7 Hamada Street, Herzliya 46103, (IL), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
  Ber, Ofer, 1 Hamatmid Street, Herzliya 46407, (IL)
  Maayan, Lior, 41, Mishmar Hayarden Street, Shikun Dan, Tel Aviv 69865, (IL)
  Kreitman, Haim, 14, Hagra Street, Kfar Saba 44454, (IL)
LEGAL REPRESENTATIVE:
  Hillier, Peter et al (47812), Reginald W. Barker & Co., 13, Charterhouse Square, London, EC1M 6BA, (GB)
PATENT (CC, No, Kind, Date):   EP 613095   A2   940831 (Basic)
                               EP 613095   A3   950705
APPLICATION (CC, No, Date):   EP 94300002 940104;
PRIORITY (CC, No, Date): IL 10455393 930128
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-015/401 ; G06F-015/62**

ABSTRACT EP 613095 A2
    A method for storing an image in an image processing database format including the steps of automatically defining a multiplicity of regions in the image, uniting individual ones of the regions in accordance with user input, thereby to define a plurality of image processing operands, and generating an image processing operand database by storing the locations of the image processing operands. (see image in original document)
ABSTRACT WORD COUNT: 68

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 940831 A2 Published application (A1with Search Report ;A2without Search Report)
 Search Report: 950705 A3 Separate publication of the European or · International search report
 Change: 950712 A2 Obligatory supplementary classification (change)
 Examination: 960117 A2 Date of filing of request for examination: 951121
 Withdrawal: 961211 A2 Date on which the European patent application was withdrawn: 961014
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	835
SPEC A	(English)	EPABF2	5842
Total word count - document A			6677
Total word count - document B			0
Total word count - documents A + B			6677

INTERNATIONAL PATENT CLASS: **G06F-015/401 ...**

... **G06F-015/62**

...SPECIFICATION location of an image processing operand including a multiplicity of image locations, a feature range **identifier** , operative, for at least one feature characterizing individual **image locations** , to **determine** the range of the feature within the operand, and an image processor communicating with the...

...CLAIMS location of an image processing operand including a multiplicity of image locations;

a feature range **identifier** , operative, for at least one feature characterizing individual **image locations** , to **determine** the range of the feature within the operand; and

an image processor communicating with the...

17/5,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00624020
Command sheet for prepress, and device and method for preparing thereof
Steuerbogen fur Druckvorlage sowie Vorrichtung und Verfahren, um diesen zu erzeugen
Feuillet de commande pour une maquette ainsi que dispositif et procede pour le produire
PATENT ASSIGNEE:
  Dainippon Screen Mfg. Co., Ltd., (507661), 1-1, Tenjinkitamachi
    Teranouchi-Agaru 4-chome Horikawa-Dori, Kamikyo-ku Kyoto 602, (JP),
    (applicant designated states: DE;FR;GB)
INVENTOR:
  Kashihara, Hideaki, Dainippon Screen MFG. Co. Ltd., 1-1 Tenjinkitamachi,
    Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku, Kyoto, (JP)
LEGAL REPRESENTATIVE:
  WILHELMS, KILIAN & PARTNER Patentanwalte (100601), Eduard-Schmid-Strasse
    2, 81541 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 608904   A2   940803 (Basic)
                               EP 608904   A3   950426
                               EP 608904   B1   981202
APPLICATION (CC, No, Date):   EP 94101318 940128;
PRIORITY (CC, No, Date): JP 9313567 930129; JP 9313590 930129; JP 9373245
    930331; JP 9373266 930331
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G03G-015/00; **H04N-001/21** ; B41M-005/00;
  G06K-003/00

ABSTRACT EP 608904 A2
    A prepress command sheet capable of prepress efficiently without
  errors. Magnetic disk 54 are stored electronic data for corresponding
  image components, corresponding text components, and corresponding
  linework components. The Disk 54 are also stored electronic data for
  layout papers for the prepress command sheets. A CPU 42 lays out the
  corresponding image components, corresponding text components, and
  corresponding linework components on the layout paper according to
  instruction by an operator. CPU 42 reads identifiers for the respective
  image components and lays them out in the vicinity of associated
  corresponding image components. Printer 47 records the corresponding
  image components, corresponding text components, corresponding linework
  components, and identifiers associated with respective image components
  on the layout paper, and outputs the prepress command sheet. (see image
  in original document)
ABSTRACT WORD COUNT: 128
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 000531 B1 Date of lapse of European Patent in a
                               contracting state (Country, date): FR
                               19990430,
  Application: 940803 A2 Published application (A1with Search Report
                               ;A2without Search Report)
  Lapse: 040825 B1 Date of lapse of European Patent in a
                               contracting state (Country, date): FR
                               19981202,
  Change: 950419 A2 Obligatory supplementary classification
                               (change)
  Search Report: 950426 A3 Separate publication of the European or
                               International search report
  Examination: 950920 A2 Date of filing of request for examination:
                               950726

Examination: 970820 A2 Date of despatch of first examination report:
                             970703
Grant: 981202 B1 Granted patent
Oppn None: 991124 B1 No opposition filed: 19990903
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9849	1930
CLAIMS B	(German)	9849	1503
CLAIMS B	(French)	9849	2432
SPEC B	(English)	9849	11413

Total word count - document A   0
Total word count - document B   17278
Total word count - documents A + B   17278

...INTERNATIONAL PATENT CLASS: **H04N-001/21**

...CLAIMS prepress command sheet preparing device of claim 1, characterized
       in that the device further comprising **identifier** location input
       means (39) for displaying the simplified **image** components with
       their **locations determined** by the component layout means (36) and
       for specifying and entering the layout locations for...

 17/5,K/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00265494
Office automation system with integrated image management.
Buroautomatisierungssystem mit integrierter Bildverwaltung.
Systeme bureautique avec gestion integree des images.
PATENT ASSIGNEE:
  WANG LABORATORIES INC., (333560), One Industrial Avenue, Lowell, MA 01851
    , (US), (applicant designated states: BE;DE;FR;GB)
INVENTOR:
  Barrett, Richard M., 3 Delpha Lane, Chelmsford, MA 01824, (US)
  Edelberg, Murray, 53 Berry Corner Road, Carlisle, MA. 01741, (US)
  Nicholls, Joseph A., 218 Park Road, Celmsford, MA. 01824, (US)
  O'Brien, Clinton J., 9 Carmel Drive, North Billerica 01862, (US)
  Silver, Bruce R., 260 Glen Road, Weston, MA. 02193, (US)
LEGAL REPRESENTATIVE:
  Behrens, Dieter, Dr.-Ing. et al (1701), Wuesthoff & Wuesthoff Patent- und
    Rechtsanwalte Schweigerstrasse 2, D-81541 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 273435 A2   880706 (Basic)
                              EP 273435 A3   911113
                              EP 273435 B1   950322
APPLICATION (CC, No, Date):   EP 87119282 871229;
PRIORITY (CC, No, Date): US 948375 861231
DESIGNATED STATES: BE; DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-017/30**
CITED PATENTS (EP A): EP 170469 A; EP 156923 A; EP 230616 A
CITED REFERENCES (EP A):
  ELECTRONIC DESIGN April 15, 1982, pages 49 - 54; W. HORAK ET AL.:
    'Layering approach manages mixed documents '
  HITACHI REVIEW. vol. 35, no. 2, April 1986, TOKYO JP pages 63 - 68;
    SATOSHI ITO ET AL.: 'Hitachi optical disk file system HITFILE 60 '
  PROCEEDINGS OF THE 7TH ANNUAL CONF. OF THE IEEE/ENGINEERING IN MEDICINE
    AND BIOLOGY SOCIETY September 30, 1985, CHICAGO, US pages 1002 - 1006;
    C.L. VAUGHAN ET AL.: 'Image database considerations: the core of PACS '
    ;

ABSTRACT EP 273435 A2
    An office automation system that provides for the incorporation of

documents of all types by integrating images into the system. A minicomputer-based system includes applications such as word processing, data base, and mail, each of which can access image documents. Bulk storage of document images is provided using a variety of storage media such as microfilm, microfiche, and optical disks. An image access subsystem provides to each of the office automation applications uniform access to images stored on all of the media. The image access subsystem can use a hardware controller to handle some of the complexity of retrieval of images from the image storage devices. A relational data base system is used to organize the stored images so as to provide flexible access to the images and to isolate any effects of reconfiguration of the image storage system.
ABSTRACT WORD COUNT: 143

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application:	880706	A2	Published application (A1with Search Report ;A2without Search Report)
Search Report:	911113	A3	Separate publication of the European or International search report
Examination:	920708	A2	Date of filing of request for examination: 920507
Examination:	930630	A2	Date of despatch of first examination report: 930519
Grant:	950322	B1	Granted patent
Oppn None:	960313	B1	No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	504
CLAIMS B	(English)	EPAB95	1249
CLAIMS B	(German)	EPAB95	878
CLAIMS B	(French)	EPAB95	1516
SPEC A	(English)	EPABF1	10602
SPEC B	(English)	EPAB95	10643
Total word count - document A			11106
Total word count - document B			14286
Total word count - documents A + B			25392

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...SPECIFICATION display of an image document.
4. The Image Display Server 334 uses the logical document **identifier** and the various locator data bases to **determine** the physical **address** specifications of the requested **image** document. This is the "document mapping" process (see section IV.D for more details). In ...

...SPECIFICATION display of an image document.
4. The Image Display Server 334 uses the logical document **identifier** and the various locator data bases to **determine** the physical **address** specifications of the requested **image** document. This is the "document mapping" process (see section IV.D for more details). In ...

...CLAIMS document locator data bases (382), each for use by the relational data base system for **determining** a media **address** for an **image** document from a logical document **identifier** ,
(C) an image system data base (380) for use by the relational data base system...

17/5,K/10   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01120595   **Image available**
METHOD AND SYSTEM FOR DYNAMIC TEXTUAL AD DISTRIBUTION VIA EMAIL
PROCEDE ET SYSTEME DE DISTRIBUTION DE PUBLICITE TEXTUELLE DYNAMIQUE PAR COURRIEL

Patent Applicant/Assignee:
  GOGGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US
     (Residence), US (Nationality)
Inventor(s):
  DONOVAN Kevin, 260 Church Street, Apt. 3C1, White Plains, NY 10603, US,
  McCOY Ron, 3983 Gladney Drive, Doraville, GA 30340, US,
  MURPHY Christopher Joseph, 37 South Smith Road, Lagrangeville, NY 12540,
     US,
  HILLS David Bard, 235 W. 76th Street, Apt. 3D, New York, NY 10023, US,
  DAY William C, 266 Maple Street, Haworth, NJ 07641, US,
  O'CONNELL Eimear Kathleen, 325 2. 78th Street, Apt. 2D, New York, NY
     10021, US,
Legal Representative:
  BUROKER Brian M (et al) (agent), Hunton & Williams, LLP, 1900 K Street,
     N.W., Suite 1200, Washington, DC 20006-1109, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200442525 A2-A3 20040521 (WO 0442525)
  Application: WO 2003US34788 20031103 (PCT/WO US03034788)
  Priority Application: US 2002422844 20021101; US 2003647116 20030825
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
  LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
  SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/60**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 15097

English Abstract
  A system and method for providing dynamic pay-for-placement
  advertisements (24) via graphics-enabled email that generates a display
  of advertisements (24) when the email newsletter is opened so the
  advertisements (24) displayed are based on rankings at the time the email
  is opened instead of when the email was generated and transmitted. In one
  embodiment, a graphical-content email having one or more embedded
  advertisements (24) image references is provided to one or more email
  recipients (28c,28d). The advertisements (24) image reference, in one
  embodiment, may include query string parameters indicating the context of
  the image reference and/or portion of the image reference (i.e.,
  identifying the image reference as being part of a particular newsletter
  email), a position of the image reference in the email display, and the
  like. A URL reference also may be included with each advertisement (24)
  image reference (.e.g., one URL for each advertisement (24) portion of
  the image to be retrieved by the advertising image reference).

French Abstract
  L'invention concerne un systeme et un procede permettant de transmettre

des publicites dynamiques payees en fonction de leur insertion, par
l'intermediaire d'un courriel a elements graphiques qui affiche des
publicites au moment de l'ouverture d'une lettre de publicite de
courriel, de sorte que les publicites affichees sont basees sur des
classements lies au moment ou le courriel est ouvert, au lieu du moment
ou celui-ci est produit et transmis. Dans une forme de realisation, un
courriel a contenu graphique comportant une ou plusieurs references
d'images publicitaires incorporees est transmis a un ou a plusieurs
destinataires. La reference d'image publicitaire, dans une forme de
realisation, peut comprendre des parametres de chaine d'interrogation
indiquant le contexte de la reference d'image et/ou d'une partie de la
reference d'image (c.-a-d. identifiant la reference d'image comme faisant
partie d'un courriel de lettre de publicite particulier), la position de
la reference d'image dans l'affichage du courriel et analogue. Une
reference URL peut aussi etre incluse dans chaque reference d'image
publicitaire (p. ex. un URL pour chaque partie publicitaire de l'image
devant etre recuperee par la reference d'image publicitaire).

Legal Status (Type, Date, Text)
Publication   20040521 A2 Without international search report and to be
                       republished upon receipt of that report.
Search Rpt   20050428 Late publication of international search report
Republication 20050428 A3 With international search report.
Republication 20050428 A3 Before the expiration of the time limit for
                       amending the claims and to be republished in the
                       event of the receipt of amendments.

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... In one embodiment, each advertisement image reference includes query
    string parameters that are used to **identify** the intended **location** of
    the advertisement **image** when displayed. **Identifiers** included in the
    query string parameters can include, for example, an identifier
    associated with the...

01083962   **Image available**
IMAGING SYSTEM PROCESSING IMAGES BASED ON LOCATION
SYSTEME D'IMAGERIE TRAITANT LES IMAGES EN FONCTION DE LEUR POINT DE SAISIE
Patent Applicant/Assignee:
  LIGHTSURF TECHNOLOGIES INC, 110 Cooper Street, 4th Floor, Santa Cruz, CA
    95060-3901, US, US (Residence), US (Nationality)
Inventor(s):
  KAHN Philippe R, 333 Spreading Oaks Drive, Scotts Valley, CA 95066, US,
  BODNAR Eric O, 111 34th Avenue, Santa Cruz, CA 95062, US,
  EGLI Paul Mietz, 116 Blueberry Drive, Scotts Valley, CA 95066, US,
  BODMER Brian, 820 Columbia Street, Santa Cruz, CA 95060, US,
  KIRANI Shekhar, 109 Washburn Avenue, Capitola, CA 95010, US,
  TARANTINO Mark, 2099 Ocean Street Extension, Santa Cruz, CA 95060, US,
Legal Representative:
  SMART John A (agent), 708 Blossom Hill Road #201, Los Gatos, CA
    95032-3503, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200406561 A2-A3 20040115 (WO 0406561)
  Application: WO 2003US20775 20030701 (PCT/WO US03020775)
  Priority Application: US 2002190373 20020702
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
  SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **H04N-001/21**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12812

English Abstract
  An imaging system is described that automatically identifies where images
  are captured. The system includes the following components: an imaging
  device for capturing images; a GPS (Global Positioning System) module
  providing location information; a host device (e.g., local host) that is
  at least occasionally connected to the imaging device, and application
  logic for querying the GPS module for determining location information
  and for associating each captured image with a location identifier
  indicating where each image was captured.

French Abstract
  L'invention concerne un systeme d'imagerie qui identifie automatiquement
  le point de saisie des images, et qui comprend les elements suivants:
  dispositif d'imagerie pour la saisie d'images; module GPS fournissant une
  information de localisation; dispositif hote (par exemple, hote local) au
  moins occasionnellement relie au dispositif d'imagerie; et logique
  d'application pour interroger le module GPS et determiner l'information
  de localisation puis associer chaque image saisie a un identificateur de
  localisation indiquant le point de saisie de l'image.

Legal Status (Type, Date, Text)

Publication   20040115 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20050512 Late publication of international search report
Republication 20050512 A3 With international search report.
Main International Patent Class: **H04N-001/21**
Fulltext Availability:
  Claims

Claim
... location.

  18 The method of claim 16, wherein said step of automatically associating
  each
  captured **image** with a **location**   **identifier**   includes:
   determining a longitude and latitude relevant to where each image was
  captured.

  19 The method of...

...captured.

  21 The method of claim 16, wherein said step of automatically associating
  each
  captured **image** with a **location**   **identifier**   includes:
   determining GPS (Global Positioning System) information for each
  captured image, said GPS information indicating a particular...
...latitude.

  22 The method of claim 16, wherein said step of automatically associating
  each
  captured **image** with a **location**   **identifier**   includes:
   determining GPS (Global Positioning System) information for each
  captured
  image; and
  cross-referencing the GPS inforination...

17/5,K/13   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00853898   **Image available**
VIDEO CODING USING MULTIPLE BUFFERS
CODAGE VIDEO UTILISANT PLUSIEURS TAMPONS
Patent Applicant/Assignee:
  PICTURETEL CORPORATION, 100 Minuteman Road, Andover, MA 01810, US, US
     (Residence), US (Nationality)
Inventor(s):
  QUNSHAN Gu, Qunshan GU, a canadian citizen, 2 Burbank Road, Londonerry,
     NH 03503, US,
Legal Representative:
  MAZZARESE Robert A (et al) (agent), Ropes & Gray, Patent Group/33rd
     floor, One International Place, Boston, MA 02110, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200186960 A2-A3 20011115 (WO 0186960)
  Application: WO 2001US15035 20010510 (PCT/WO US0115035)
  Priority Application: US 2000203004 20000510; US 2000209055 20000602
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  DE GB JP
Main International Patent Class: **H04N-007/50**
International Patent Class: **H04N-007/26**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 11087

English Abstract
  There is provided herein a system for video encoding and decodingthat
  uses short-term and long-term buffers. Reconstruction of each block
  within an image may be performed with reference to one of the buffers, so
  that different portions of an image, or different images in a sequence,
  may be reconstructed using different buffers. There is also provided
  herein systems for signaling, between an encoder and a decoder, the use
  of the above buffers and related address information. The encoder may,
  for example, transmit information identifying video data as corresponding
  to a particular one of the buffers, and the decoder may transmit
  information relating to the size of the short-term and the long-term
  buffer. The buffer sizes may be changed during transmission of video data
  by including buffer allocation information in the video data. Also
  disclosed herein are methods and apparatuses according to the above.

French Abstract
  L'invention concerne un systeme de codage et decodage video utilisant des
  tampons a court terme et a long terme. Dans une image, la reconstruction
  de chaque bloc peut s'effectuer par rapport a l'un des tampons, de sorte
  que differentes parties d'une image ou differentes images dans une
  sequence peuvent etre reconstruites au moyen de differents tampons.
  L'invention concerne egalement des systemes servant a signaler, entre un
  codeur et un decodeur, l'utilisation desdits tampons et des informations
  d'adresse relatives. Le codeur peut, par exemple, transmettre des
  informations en identifiant des donnees video qui correspondent a l'un
  des tampons, tandis que le decodeur peut transmettre des informations
  relatives a la taille du tampon a court terme et a la taille du tampon a
  long terme. Pour modifier les tailles des tampons pendant la transmission
  des donnees video, on peut inclure dans les donnees video des
  informations d'attribution de tampon. L'invention concerne egalement des
  procedes et des appareils selon l'invention.

Legal Status (Type, Date, Text)
Publication 20011115 A2 Without international search report and to be
                       republished upon receipt of that report.
Examination 20020214 Request for preliminary examination prior to end of
                       19th month from priority date
Search Rpt   20020523 Late publication of international search report
Republication 20020523 A3 With international search report.

Main International Patent Class: **H04N-007/50**
International Patent Class: **H04N-007/26**
Fulltext Availability:
  Detailed Description

Detailed Description
... buffer according to an index, or a short-term buffer according to a
  sequential picture **identifier** , as described in greater detail above.
  Once the reference **image** **address** decoder 504 has **identified** data in
  the **picture** memory 5 1 0 that may be used as reference data, the
  picture decoder 5...

 17/5,K/14   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00739189   **Image available**
**METHOD AND APPARATUS FOR COMMUNICATING GRAPHICS DATA BETWEEN A SOURCE AND A
    RECIPIENT OVER A NETWORK**
**PROCEDE ET APPAREIL DE COMMUNICATION DE DONNEES GRAPHIQUES ENTRE UNE SOURCE
    ET UN DESTINATAIRE SUR UN RESEAU**
Patent Applicant/Assignee:
  GOMO TECHNOLOGIES INC, Suite 100, 123 Townsend Street, San Francisco, CA
    94107, US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  GILBERT Sari, 1200 Funston, San Francisco, CA 94122, US, US (Residence),
    US (Nationality), (Designated only for: US)
  BARILOV Alexandre, 7580 Lockford Court, Cupertino, CA 95014, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  MILLIKEN Darren J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman
    LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200052551 A2-A3 20000908 (WO 0052551)
  Application: WO 2000US3812 20000214 (PCT/WO US0003812)
  Priority Application: US 99123016 19990304; US 99315899 19990520
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
  UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-003/00**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 10011

English Abstract
  A method for communicating graphics from a source to a recipient over a
  network (12) commencing with the construction of an electronic mail
  message. The electronic mail message is constructed to have graphics data
  embedded therein. The electronic mail message also has embedded therein a
  location identifier (e.g., a URL) that identifies a location on a server
  machine (10) from which a graphics application (24) is for displaying a
  graphics image derived from the graphics data. Following construction of
  the electronic mail message, the message is communicated from the source
  to a specified recipient over the communications network (12).

French Abstract
  L'invention se rapporte a un procede de communication de donnees
  graphiques sur un reseau, d'une source vers un destinataire. Ledit
  procede consiste dans un premier temps en l'elaboration d'un message
  electronique. Ce dernier est elabore de maniere a contenir les donnees
  graphiques. Il contient egalement un identificateur de localisation (par
  exemple, un URL) qui identifie une localisation sur une machine serveur
  sur laquelle une application graphique peut etre recuperee de maniere
  automatique par une machine client. L'application graphique est concue
  pour presenter une image graphique derivee des donnees graphiques. Suite
  a l'elaboration du message electronique, le message est transmis de la
  source vers le destinataire specifie, par l'intermediaire du reseau de
  communication.
Legal Status (Type, Date, Text)
Publication   20000908 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20010111 Late publication of international search report
Search Rpt   20010111 Late publication of international search report
Examination   20010215 Request for preliminary examination prior to end of
                         19th month from priority date
Correction   20011011 Corrected version of Pamphlet: pages 1/10-10/10,
                         drawings, replaced by new pages 1/10-10/10; due to
                         late transmittal by the receiving Office
Republication 20011011 A3 With international search report.

Main International Patent Class: **G06F-003/00**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... identifier for a graphics application that interprets and displays a
  graphics image corresponding to the **graphics** data, the **location**
  identifier identifying a **location** on a server from which the
  graphics application is retrievable by a client.
  According to...

...recipient
  over a network. An electronic mail message is constructed to have
  embedded therein first **graphics** data and a **location identifier** to
  identify a **location** ·on a
  server machine from which a graphics application, for displaying a first
  graphics image...

Claim
... data and that records a
  further graphics operation -performed by the receiver to modify the
   graphics data, the **location identifier identifying** a **location**
  on a server from which the graphics application is retrievable by a
  client.

  2 The...data and that records a

further-graphics operation performed by the receiver to modify the **graphics** -data, the **location identifier identifying** a **location** on a server from which the graphics application is retrievable by a client.

45 A...

17/5,K/15   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00367141   **Image available**
ELECTRONIC DOCUMENT AND DATA STORAGE AND RETRIEVAL SYSTEM
SYSTEME DE STOCKAGE ET RESTITUTION DE DOCUMENTS ET DONNEES ELECTRONIQUES
Patent Applicant/Assignee:
  CITIBANK N A,
Inventor(s):
  QUINN Michael F,
  MCGINLAY James,
  KADRON Roman,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9707468 A1 19970227
  Application: WO 96US13191 19960814   (PCT/WO US9613191)
  Priority Application: US 952375 19950815; US 96626600 19960402
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR
  KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA
  UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
  SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
International Patent Class: **G06F-17:60** ; G06G-07:52
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13751

English Abstract
  An information management system for storing and retrieving related
  documents (134), messages, and customer inquiries as electronic images in
  a secured environment. The system is centrally maintained and provides
  for integration and accessing of information from multiple remote
  offices. Input paper-based documents are scanned, indexed, and reviewed
  by preprocessing (158). Information is linked together by transaction
  into folders (170), and each document is assigned to a Trade Service
  Representative (174). Transaction folders (170) include all physical
  input and output associated with each transaction, such as electronic
  messages, mail, inquiry history records, system user messages, and
  inbound facsimile messages. The system maintains an internal unique key
  identifier for each transaction folder (170) and each related document.
  Document work flow can be monitored for backlog and assigned work levels.

French Abstract
  Ce systeme de gestion d'informations permet de stocker et retrouver des
  documents (134), messages et demandes connexes de clients sous forme
  d'images electroniques dans un environnement securise. Il est centralise
  et permet l'introduction et la recherche d'informations depuis des
  bureaux distants. Les documents d'entree a support papier sont scannes,
  indexes et classes lors d'un pretraitement (158). Les informations sont
  correlees par des transactions dans des dossiers (170), et chaque
  document est affecte a un representant du service commercial (174). Ces
  dossiers de transactions (170) contiennent toutes le soperations
  materielles d'entree et de sortie liees a chaque transaction telles que
  messages electroniques, courrier, historique des demandes, messages
  d'utilisateurs du systeme et telecopies recues. Ce systeme attribue un
  identificateur interne unique, sous forme de cle, a chaque dossier de
  transactions (170) et a chaque document connexe. On peut surveiller le
  flux de traitement des documents pour detecter un retard ou le respect
  d'une charge de travail assignee.

Main International Patent Class: **G06F-017/30**
International Patent Class: **G06F-17:60** ...
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... present invention by the creation
  of transaction folders. The system maintains an internal
  unique key **identifier** to **identify** each **folder** and document
  is with the **image** transaction ID number unique to each item
  when available from the image management system. For...

Claim
... information management system of
  claim 1, further comprising means for maintaining an
  internal unique key **identifier** to **identify** each transaction
  data **folder** and document with the **image** transaction ID
  number unique to each item when available from the image
  management system.

  10...information
  management of claim 14, further comprising the step of
  maintaining an internal unique key **identifier** to **identify**
  each transaction data **folder** and document with the **image**
  transaction ID number unique to each item when available
  from the image management system.

00343207   **Image available**
COMPUTER BASED MULTIMEDIA MEDICAL DATABASE MANAGEMENT SYSTEM AND USER INTERFACE
SYSTEME DE GESTION INFORMATIQUE D'UNE BANQUE DE DONNEES MEDICALE MULTIMEDIA ET INTERFACE POUR L'UTILISATEUR
Patent Applicant/Assignee:
  MERGE TECHNOLOGIES INC,
Inventor(s):
  MORTIMORE William C,
  SIMON Dwight A,
  GRAY Michael J,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9625719 A2 19960822
  Application: WO 96US1679 19960207   (PCT/WO US9601679)
  Priority Application: US 95384943 19950207
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE
  KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
  SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM
  AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
  ML MR NE SN TD TG
Main International Patent Class: **G06F-012/00**
International Patent Class: **G06F-17:30 ; G06F**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 10740

English Abstract
  A computer database for medical imaging stores and manipulates
  multimedia data from various sources and reduces misidentification of
  data. A unique identifier is generated and linked to each data object,
  preferably at the time the image is generated. A graphical representation
  of the identifier is incorporated into the image or text when displayed
  or printed. A detector may be used to read the representation, allowing
  the identifier to be read and identify the data.

French Abstract
  Cette invention concerne une banque de donnees informatique pour
  imagerie medicale, laquelle memorise et traite des donnees multimedia
  provenant de sources diverses et reduit le taux de mauvaise
  identification des donnees. Un identificateur unique est genere puis lie
  a chaque objet de donnees, de preference au moment ou l'image est
  generee. Une representation graphique de l'identificateur est incorporee
  a l'image ou au texte lors de l'affichage ou de l'impression. Un
  detecteur peut etre employe pour lire la representation, tout en
  permettant a l'identificateur d'etre lu et d'identifier les donnees.

Main International Patent Class: **G06F-012/00**
International Patent Class: **G06F-17:30 ...**

... **G06F**
Fulltext Availability:
  Detailed Description

Detailed Description
... suitably decoded employing the converse of the predetermined encoding

algorithm to produce the original unique **identifier**. The **identifier** may be used, in conjunction with **directory** 304, to **identify** the **locations** in **image** database array 325 or video image storage 37 where the data object corresponding to the...

```
Set       Items    Description
S1       3342786   IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRA-
                   PHIC? ?
S2       2173528   PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR
                   FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR S-
                   UBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFOR-
                   M()RESOURCE
S3         32661   IDENTIFIER? ?
S4         17944   (RANDOM OR PSEUDORANDOM)()NUMBER? ?
S5         52394   HASH OR DIGEST
S6             0   S1 AND S2 AND S3 AND S4 AND S5
S7             0   S1 AND S2 AND S3 AND S4
S8           127   S1 AND S2 AND S3
S9         63560   (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? -
                   OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING
                   OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCO-
                   VER?? OR DISCOVERING)(3N)S2
S10         7103   S9 AND S1
S11            8   S10 AND S3
S12            0   S11 NOT PY>2000
S13           11   S10 AND S4
S14            2   S13 NOT PY>2000
S15           74   S8 NOT PY>2000
S16           63   RD (unique items)
S17        24429   S1 (5N) S2
S18           18   S17 AND S3
S19           14   S18 NOT PY>2000
S20           12   RD (unique items)
S21           18   S17 AND S4
S22           18   S21 NOT S20
S23           12   S22 NOT PY>2000
S24            7   RD (unique items)
S25        34160   (FIND? ? OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR S-
                   EARCH OR SEARCHING)(3N)S1
S26            2   S25 (5N) (S3 OR S4)
? show files
File    8:Ei Compendex(R) 1970-2005/Nov W1
          (c) 2005 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2005/Oct
          (c) 2005 ProQuest Info&Learning
File   65:Inside Conferences 1993-2005/Nov W2
          (c) 2005 BLDSC all rts. reserv.
File    2:INSPEC 1898-2005/Nov W1
          (c) 2005 Institution of Electrical Engineers
File   94:JICST-EPlus 1985-2005/Sep W2
          (c)2005 Japan Science and Tech Corp(JST)
File  111:TGG Natl.Newspaper Index(SM) 1979-2005/Nov 10
          (c) 2005 The Gale Group
File    6:NTIS 1964-2005/Nov W1
          (c) 2005 NTIS, Intl Cpyrght All Rights Res
File  144:Pascal 1973-2005/Nov W1
          (c) 2005 INIST/CNRS
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Nov W1
          (c) 2005 Inst for Sci Info
File   62:SPIN(R) 1975-2005/Sep W2
          (c) 2005 American Institute of Physics
File   99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
          (c) 2005 The HW Wilson Co.
File   95:TEME-Technology & Management 1989-2005/Oct W1
          (c) 2005 FIZ TECHNIK
```

20/5/2   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2005 Elsevier Eng.   Info. Inc. All rts. reserv.

03994272   E.I. No: EIP94112444854
   Title: **Finite   state   vector quantization with multi-** path **tree search
strategy for** image **/video coding**
   Author: Juan, Shih-Chou; Chao, Yen-Jean; Lee, Chen-Yi
   Corporate Source: Natl Chiao Tung Univ, Hsinchu, Taiwan
   Conference Title: Proceedings of the 1994 IEEE International Symposium on
Circuits and Systems. Part 3 (of 6)
   Conference Location: London, England   Conference Date: 19940530-19940602
   E.I. Conference No.: 21360
   Source: Proceedings - IEEE International Symposium on Circuits and
Systems v 3 1994. IEEE, Piscataway, NJ, USA,94CH3435-5. p 181-184
   Publication Year: 1994
   CODEN: PICSDI   ISSN: 0271-4310
   Language: English
   Document Type: CA; (Conference Article)   Treatment: G; (General Review);
T; (Theoretical)
   Journal Announcement: 9501W2

   Abstract: This paper presents a new vector quantization (VQ) algorithm
exploiting the features of tree-search as well as finite state VQs for
image/video coding. In the tree-search VQ, multiple candidates are
identified for on-going search to optimally determine an index of the
minimum distortion. In addition, the desired codebook has been reorganized
hierarchically to meet the concept of multi-path search of neighboring
trees so that picture quality can be improved by 4 dB on the average. In
the finite state VQ, adaptation to the state codebooks is added to enhance
the hit-ratio of the index produced by the tree-search VQ and hence to
further reduce compressed bits. An **identifier** code is then included to
indicate to which output indices belong. Our proposed algorithm not only
reaches a higher compression ratio but also achieves better quality
compared to conventional finite-state and tree-search VQs. (Author
abstract) 9 Refs.
   Descriptors: *Image coding; Video signal processing; Algorithms; Finite
automata; Trees (mathematics); Hierarchical systems; Signal distortion;
Data structures; Data compression; Image quality
   Identifiers: Vector quantization (VQ) algorithm; Multipath tree search;
On going search; State codebooks; Compression ratio; State machine
   Classification Codes:
   723.2 (Data Processing); 921.6 (Numerical Methods); 721.1 (Computer
Theory, Includes Formal Logic, Automata Theory, Switching Theory,
Programming Theory); 731.1 (Control Systems); 716.1 (Information &
Communication Theory)
   723 (Computer Software); 921 (Applied Mathematics); 721 (Computer
Circuits & Logic Elements); 731 (Automatic Control Principles); 716
(Radar, Radio & TV Electronic Equipment)
   72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS); 73
(CONTROL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

20/5/10   (Item 2 from file: 6)
DIALOG(R)File   6:NTIS

1609151 NTIS Accession Number: DE91017332
  Multi-modality image correlation
  (Patent Application)
  Vaitekunas, J. J. ; Roberts, R. A.
  Argonne National Lab., IL.
  Corp. Source Codes: 001960000; 0448000
  Sponsor: Department of Energy, Washington, DC.
  Report No.: PAT-APPL-7-236 582
  Filed 25 Aug 88   28p
  Languages: English   Document Type: Patent
  Journal Announcement: GRAI9201; ERA9202
   This   Government-owned   invention   available   for   U.S.   licensing and,
possibly,   for foreign licensing. Copy of application available NTIS. Order
this product   from NTIS by: phone at 1-800-553-NTIS (U.S. customers);
(703)605-6000 (other countries); fax at (703)321-8547; and email at
orders@ntis.fedworld.gov.   NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC N03/MF A01
  Country of Publication: United States
  Contract No.: W-31109-ENG-38
   This invention is comprised of an apparatus and method for **location** by
 location   correlation of multiple **images** for Non-Destructive Evaluation
(NDE) and other sources. Multiple images of a material specimen are
displayed on one or more monitors of an interactive graphics system.
Specimen landmarks are located in each image and mapping functions from a
reference image to each other **image** are calculated using the landmark
 locations   . A location selected by positioning a cursor in the reference
image is mapped to the other **images** and **location** **identifiers** are
simultaneously displayed in those images. Movement of the cursor in the
references   **image**   causes   simultaneous   movement of the   **location**
 identifiers in the other   **images**   to ·positions corresponding to the
 location of the reference **image** cursor.
  Descriptors: *Images; *Interactive Display Devices; Computer Graphics;
Correlations; . Design; Inventions; Man-Machine Systems; Nondestructive
Analysis; Spatial Resolution
  Identifiers: *Patent applications; EDB/990200; EDB/440800; NTISGPDE;
NTISDE
  Section Headings: 94K (Industrial and Mechanical Engineering--Laboratory
and Test Facility Design and Operation); 90A (Government Inventions For
Licensing--Mechanical Devices and Equipment); 62A (Computers, Control, and
Information Theory--Computer Hardware)

05738607   PASCAL No.: 84-0239617
**PVV: un systeme d'interpretation d'images par prediction et verification
(PVV: an image interpretation system by prediction and verification)**
SOUVIGNIER Viviane
Univ.: Grenoble, I.N.P.   Degree: Th. 3e cycle: Inform.
1983; 1983   132 p.
Availability: CNRS-T53141
No. of Refs.: 2 p.
Document Type: T (Thesis) ; M (Monographic)
Country of Publication: France
Language: French
Le systeme PVV applique une strategie de controle prediction verification
pour   **identifier**   et localiser des objets partiellement visibles dans des
images digitalisees de scenes bidimensionnelles. L'objectif de cette
strategie est de maitriser la combinatoire liee a l'interpretation d'images
digitalisees

English Descriptors: Image analysis; **Image** interpretation; Digital **image**
  ; Object **location** ; Prediction

French Descriptors: Analyse image; Interpretation image; Image numerique;
  Localisation objet; Prediction; Scene bidimensionnelle

Classification Codes: 001D02C03

Google Translation

System PVV applies a strategy of control prediction checking to identify and locate partially visible objects in images digitalisees of two-dimensional scenes. The objective of this strategy is of maitriser combinative the liee has the interpretation of images digitalisees

24/5/4   (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01116541 ORDER NO: AAD90-21100
AN OPTICAL RANDOM   NUMBER **GENERATOR BASED ON PHOTOEVENT** LOCATIONS (
RANDOM   NUMBER **GENERATOR,** PHOTON **COUNTING)**
   Author: MARTINO, ANTHONY J.
   Degree: PH.D.
   Year: 1990
   Corporate Source/Institution: THE UNIVERSITY OF ROCHESTER (0188)
   Supervisor: G. MICHAEL MORRIS
   Source: VOLUME 51/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 1338. 194 PAGES
   Descriptors: PHYSICS, OPTICS; STATISTICS
   Descriptor Codes: 0752; 0463

      The well-known Monte Carlo method was combined with the relatively new
technique of quantum-limited imaging to produce an optical **random   number**
generator in which the locations of detected photoevents provided the
random   numbers .
      The optical **random   number** generator used a two-dimensional,
position-sensitive, photon-counting detector. The spatial distribution of
photoevent locations was dictated by imaging a control object onto the
detector. An iterative calibration procedure was developed to determine the
brightness function written onto the control object, which was a piece of
film or a video monitor. With both control objects, the iterative
calibration procedure led to improvements in the performance of the system.
The ideal control object would combine the spatial resolution and temporal
stability of film with the reproducibility and quick reconfiguration of the
video monitor.
      Use of the optical **random   number** generator was demonstrated in
Monte Carlo matrix inversion and a simulation of sunlight scattering from
raindrops. The optical **random   number** generator was shown to have the
advantage of speed over available **pseudorandom   number** generators. With
film as the control object, it also had the advantage of producing true
random   numbers . Even with the video monitor, it did not produce a
repeating sequence. The **pseudorandom   number** generator had the advantage
of producing a wider range of **random   numbers** . The wider range made no
difference in the behavior of the matrix inversion algorithm. However, with
the rainbows, where continuous quantities were simulated, noticeable
effects occurred.

24/5/4   (Item 2 from file: 35)

01116541   ORDER NO: AAD90-21100
AN OPTICAL RANDOM   NUMBER **GENERATOR BASED ON PHOTOEVENT** LOCATIONS   (
RANDOM   NUMBER **GENERATOR,** PHOTON **COUNTING)**
   Author: MARTINO, ANTHONY J.
   Degree: PH.D.
   Year: 1990
   Corporate Source/Institution: THE UNIVERSITY OF ROCHESTER (0188)
   Supervisor: G. MICHAEL MORRIS
   Source: VOLUME 51/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 1338. 194 PAGES
   Descriptors: PHYSICS, OPTICS; STATISTICS
   Descriptor Codes: 0752; 0463

     The well-known Monte Carlo method was combined with the relatively new
technique of quantum-limited imaging to produce an optical **random   number**
 generator in which the locations of detected photoevents provided the
random   numbers .
     The optical **random   number** generator used a two-dimensional,
position-sensitive, photon-counting detector. The spatial distribution of
photoevent locations was dictated by imaging a control object onto the
detector. An iterative calibration procedure was developed to determine the
brightness function written onto the control object, which was a piece of
film or a video monitor. With both control objects, the iterative
calibration procedure led to improvements in the performance of the system.
The ideal control object would combine the spatial resolution and temporal
stability of film with the reproducibility and quick reconfiguration of the
video monitor.
     Use of the optical **random   number** generator was demonstrated in
Monte Carlo matrix inversion and a simulation of sunlight scattering from
raindrops. The optical **random   number** generator was shown to have the
advantage of speed over available **pseudorandom   number** generators. With
film as the control object, it also had the advantage of producing true
random   numbers . Even with the video monitor, it did not produce a
repeating sequence. The **pseudorandom   number** generator had the advantage
of producing a wider range of **random   numbers** . The wider range made no
difference in the behavior of the matrix inversion algorithm. However, with
the rainbows, where continuous quantities were simulated, noticeable
effects occurred.

 24/5/5   (Item 3 from file: 35)

01092658   ORDER NO: AAD89-17104
**DEVELOPMENT OF A PHOTOGRAMMETRIC SYSTEM FOR MONITORING STRUCTURAL
DEFORMATIONS OF THE STURGEON BAY BRIDGE (WISCONSIN)**
   Author: KIM, BYUNG-GUK
   Degree: PH.D.
   Year: 1989
   Corporate Source/Institution: THE UNIVERSITY OF WISCONSIN - MADISON (
           0262)
   SUPERVISOR: PAUL R. WOLF
   Source: VOLUME 50/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 4665. 184 PAGES
   Descriptors: ENGINEERING, CIVIL
   Descriptor Codes: 0543

     The feasibility of using photogrammetry as a measurement system to
detect suspected movements on the State Highway 57 Bridge at Sturgeon Bay,

Wisconsin, was investigated. The problem posed by this structure is unusual because stable control points can be established at only one end of the bridge.

The specific conditions of the bridge and a variety of photogrammetric systems were simulated using specially developed software and a microcomputer. Based upon results from extensive simulations, a photogrammetric system which can detect small movements, with a certain confidence, was selected. The system consists of a strip of terrestrial photos with 60% overlap, and five each of ground observations for horizontal distance, azimuth, and elevation difference.

The simulation package: (1) generates **photo** coordinates from assumed target **locations** and camera positions and orientations; (2) perturbs these photo coordinates using a **random number** generator to simulate expected errors; (3) computes the ground coordinates of targets from the perturbed photo coordinates; and (4) analyzes precisions of the movements.

Assumptions, development, analysis of the systems, and general application of the simulation technique to other structures are discussed. Methods of programming the simultaneous photogrammetric least squares adjustment, including ground observations, its data structures and data managing techniques, are presented.

24/5/6   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2005 INIST/CNRS. All rts. reserv.

14353763   PASCAL No.: 00-0004986
Authenticity and integrity of digital mammographic images
PACS design and evaluation : engineering and clinical issues : San Diego CA, 23-25 February 1999
ZHOU X Q; LOU S L; HUANG H K
BLAINE G James, ed; HORII Steven C, ed
Laboratory for Radiological Informatics, Department of Radiology, UCSF, United States
American Association of Physicists in Medicine, Chicago IL, United States.; American Physiological Society, United States.; International Society for Optical Engineering, Bellingham WA, United States.; FDA. Center for Devices and Radiological Health, United States.; Society for Imaging Science and Technology, Springfield VA, United States.; National Electrical Manufacturers Association, Washington DC, United States.; Radiological Society of North America, United States.; Society for Computer Applications in Radiology, United States.
PACS design and evaluation. Conference (San Diego CA USA) 1999-02-23
Journal: SPIE proceedings series, 1999, 3662 138-144
ISBN: 0-8194-3134-6 ISSN: 1017-2653 Availability: INIST-21760; 354000080103250150
No. of Refs.: 4 ref.
Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)
Country of Publication: United States
Language: English
Image authenticity and integrity is an important issue in a telemammography system. We present an algorithm which can embed encrypted image and patient information into an image. The embedded information can be extracted and decrypted by the receiving site to verify the patient identification and confirm image authenticity and integrity. Because of the large size of mammographic images comparing to other images, data embedding in a mammogram is relatively easier to be implemented. By analyzing the noise gray level of our digital mammography system, we know that the least-significant bits of the image are noise caused by the imaging device. So these bits can be used for data embedding. The methods include: (I) Calculate the check-sum of the image and extract patient information from DICOM header, (2) Encrypt the check-sum and patient information using public-key encryption strategy, (3) Generate a set of uniformly distributed pseudo- **random numbers** and put the encrypted check-sum and patient

information into randomly selected pixel **locations** . Three mammographic
images are selected for our experiment. Two images are the digitized
mammogram with a large breast and a small breast, and the other is the
direct digital mammogram. About 500 characters of patient information and a
32 bits check-sum are embedded into each image. By comparing the original
image and the embedded image from a 2k x 2k monitor, we found three
embedded images of large size and small size of digitized mammogram as well
as direct digital mammogram have no quality degradation. To prove the
effectiveness of this method, we change the value of one pixel which is
selected randomly in the embedded image. Then, we use our extraction
algorithm to detect the integrity of this image. The results show we can
not only extract the embedded patient information correctly, but also
detect the slight difference between the original image and the altered
image. Our preliminary results demonstrate that embedding extra information
into an image using data hiding technology is an effective method for image
integrity in telemammography.

English Descriptors: Telecommunication network; Telemedicine; Mammography;
    Image transmission; Cryptography; Safety; Integrity; Authentication;
    System description; Experimental result

French Descriptors: Reseau telecommunication; Telemedecine; Mammographie;
    Transmission image; Cryptographie; Securite; Integrite; Authentification;
    Description systeme; Resultat experimental

Classification Codes: 001D04B03

```
Set      Items    Description
S1      7405702   IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRA-
                  PHIC? ?
S2      8878774   PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR
                  FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR S-
                  UBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFOR-
                  M()RESOURCE
S3       43582    IDENTIFIER? ?
S4       15040    (RANDOM OR PSEUDORANDOM)()NUMBER? ?
S5      .348441   HASH OR DIGEST
S6           0    S1 (30N) S2 (30N) S3 (30N) S4 (30N) S5
S7           1    S1 (30N) S2 (30N) S3 (30N) S4
S8         516    S1 (30N) S2 (30N) (S3 OR S4)
S9      136781    (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? -
                  OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING
                  OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCO-
                  VER?? OR DISCOVERING)(3N)S2
S10       1562    S9 (10N) S1
S11          1    S10 (30N) (S3 OR S4)
S12       3619    S9 (30N) S1
S13          5    S12 (30N) (S3 OR S4)
S14          4    RD (unique items)
S15          4    S14 NOT PY>2000
S16      85424    (FIND? ? OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR S-
                  EARCH OR SEARCHING)(3N)S1
S17          3    S16 (5N) (S3 OR S4)
S18       1072    (PRIMARY OR SECONDARY OR TWO OR SECOND OR ADDITIONAL OR AN-
                  OTHER OR 2ND)(3W)S3
S19         12    S1 (30N) S2 (30N) S18
S20          4    S19 NOT PY>2000
S21          4    RD (unique items)
? show files
File  88:Gale Group Business A.R.T.S. 1976-2005/Nov 14
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/Jul W4
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Nov 12
         (c) 2005 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2005/Nov 14
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Nov 14
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Nov 11
         (c) 2005  The Gale Group
File  13:BAMP 2005/Nov W1
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2005/Nov 14
         (c) 2005 Business Wire.
File 647:CMP  Computer Fulltext 1988-2005/Nov W1
         (c) 2005 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 14
         (c)2005 The Gale Group
File 634:San Jose Mercury  Jun 1985-2005/Nov 12
         (c) 2005 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 11
         (c) 2005 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2005/Nov 14
         (c) 2005 The Gale group
File  75:TGG Management Contents(R) 86-2005/Nov W1
```

```
                (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 14
                (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Nov 14
                (c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Nov W1
                (c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Nov 14
                (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
                (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Dec
                (c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2005/Dec
                (c) 2005 American Mathematical Society
File 370:Science 1996-1999/Jul W3
                (c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Nov 14
                (c) 2005 Dialog
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
                (c) 2005 The HW Wilson Co
```

11/3,K/1   (Item 1 from file: 275)

01503995   SUPPLIER NUMBER: 11912831   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**From rags to riches. (developments in bar-coding-related technologies
  enable more cost-effective automation)**
Major, Michael J.
MIDRANGE Systems, v5, n3, p42(3)
Feb 4, 1992
ISSN: 1041-8237   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2277   LINE COUNT: 00179

...   electronic forms in the insurance, healthcare, and other
industries. A customer ID or other visual **identifier** is scanned into an
imaging system so a **folder** can be quickly **identified** and electronic
image filed correctly.
     Equally important to the growth of bar-code technologies is the
recognition by...

...   information on this and other lighting systems, write in 528 on the Reader Service Card.
    Photo : The double-tiered warehouse of Saba Distribution AB is so large that pallet labels must carry a special **two** -digit **identifier** to indicate the general **location** of a storage slot.
    Photo : Westinghouse Electric Corp.'s new ETV system, made by American Mfg. Co. of Tacoma, WA, saves more than 15% in storage/retrieval time at its Hampton, SC warehouse.
    Photo : Aldrich Chemical Co.'s Milwaukee warehouse uses an SPI indirect lighting system that provides virtually...

05536465 SUPPLIER NUMBER: 59473806 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Getting the Picture: Observations from the Library of Congress on Providing
  Online Access to Pictorial Images(*).**
ARMS, CAROLINE R.
Library Trends, 48, 2, 379
Fall, 1999
ISSN: 0024-2594 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 14017 LINE COUNT: 01154

... of logical identifiers used for all materials digitized by NDLP.
    Each item has a unique **two** -part logical **identifier** . As examples,
dag.3g05001 is a daguerreotype portrait and musdi.139 is a reproduction of
Powell's Art of Dancing, a dance instruction manual. Currently, the **two**
parts of the **identifier** are related to names of **directories** and file
names in the UNIX system hierarchy. In the longer term, the logical
identifiers...

...unique persistent identifiers, however the content is stored. The handle
for the dance manual is **urn** :hdl:loc.music/ musdi.139. A catalog record
for this item incorporating the handle is...
...Web-based presentation of the book, generated dynamically from its
digital content, which includes page **images** and transcribed text. Since
only Uniform Resource Locators (URLs) are usable today by most browsers...